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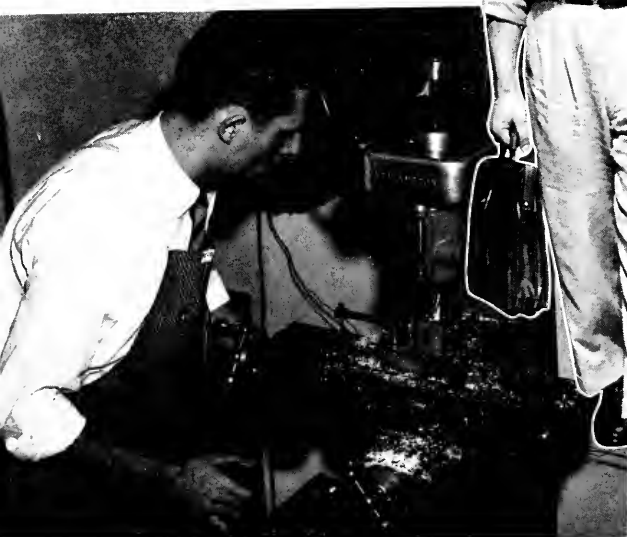
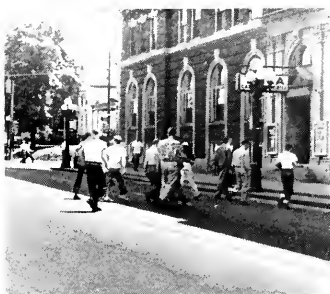




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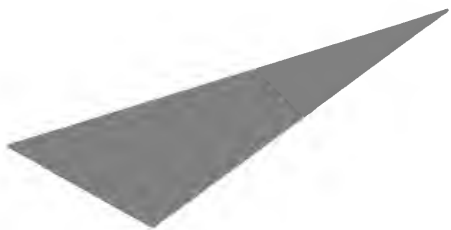






# THE THOUGHT OF HARD STUDY







THE ACHIEVEMENT  
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PLACES



# THE FUTURE IN SIGHT

MR. ROBERT W. NIEMEYER  
B.S.M.E., '42



MR. RICHARD J. ERB  
B.S.C.E., '34



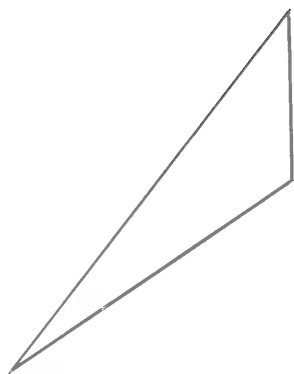
MR. RICHARD E. SMITH  
B.S.C.E., '49



MR. HARVEY UNGER  
B.S.Ch.E., '50

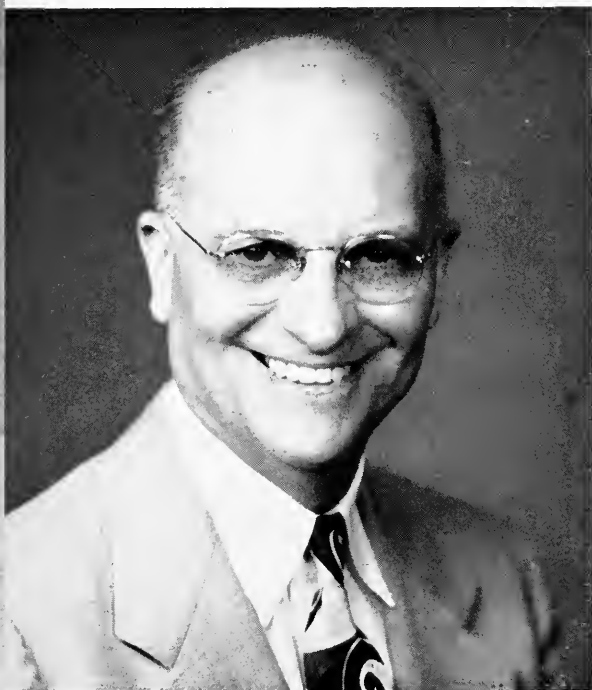






ADMINISTRATION  
AND FACULTY

# T H E P R E S I D E N T



DR. ARCHIE T. KEENE

We who work in the field of science are proud of the accomplishments of our engineers, scientists and research technicians. Today's atomic reactors, guided missiles, rocket propulsion, automation, and medical advancements are dramatic evidence of the scientific intelligence of our age.

Our rectitude appears less worthy. Can our morals, our sense of values, our philosophy of living keep pace with scientific acceleration? Therein lies the answer to our future.





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DR. HOWARD P. SMITH  
Director of Student Industrial Relations



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**GEZA S. GEDEON**, General Engineering Subjects; M.E., Doctor of Aeronautical Science, Technical University, Budapest. Awarded Jeremiah Smith Scholarship. Formerly Lecturer in School of Advanced Engineering Studies, Technical University, Budapest; Aircraft Design Engineer, Breguet Aircraft Corporation, Paris, France.

## Second Row:

**ROBERT MARSHALL**, General Engineering Subjects; University of Denver, B.S.Ae.E., Indiana Technical College; Advanced Studies Indiana University.

**ROBERT M. RIPPEY**, Mathematics and Science; M.A., University of Chicago; Graduate Studies at M.I.T.

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**LEONARD R. ETTER**, Science and Mathematics; B.S.Ch.E., Indiana Technical College M.A. (Physics) Indiana University. Extensive Work in Cosmic Ray Research.

**A. WAYNE SHEPHERDSON**, Mathematics and Physics; B.S., Huntington College; M.S. (Math.) Michigan State College; formerly Instructor Purdue University and Huntington College.



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**ELIZABETH SNOW WOLF** (Mrs.), Mathematics; B.S. in Ed., University of Virginia; M.A. in Mathematics, University of North Carolina; Graduate Studies in Physics, University of South Carolina; formerly Instructor of Mathematics, University of North Carolina and University of South Carolina.

**FRED H. CRONINGER**, Mathematics; B.S., Heidelberg College; M.A., Columbia University.

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**CHARLES D. DILTS**, Chemistry; B.S., Marion Normal College; A.B., Indiana State College; M.A., Indiana University.

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**EARL D. MAYER**, English; B.A., B.S. in Ed., M.A., Ohio State University.



## Second Row:

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**DORIS SHEPHERDSON** (Mrs.), Mathematics; A.B., Huntington College.



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## Second Row:

**WILLIAM DANFORD**, Engineering Drawing; Design Draftsman, General Electric Company.

**RAYMOND S. BEIGHTS**, Glee Club Director; B.M. and M.M., Indiana University.

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**EDWIN J. GRAHAM**, Industrial Management; Industrial Consultant; formerly Staff Assistant to the Manager, General Electric Company, Fort Wayne Branch.

## Fourth Row:

**MICHAEL BATZ**, Chemical Engineering; B.S.Ch.e., Indiana Technical College, Chemical Engineer, Fort Wayne Filtration Plant.

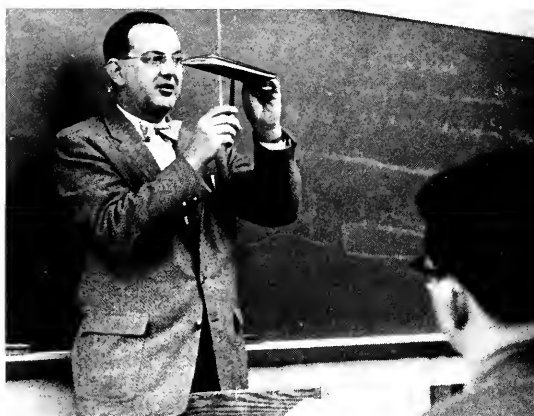
**ORA DAVIS**, Mathematics; A.B., Ball State Teachers College; Graduate School, Arizona State College, M.A., University of Michigan.



The

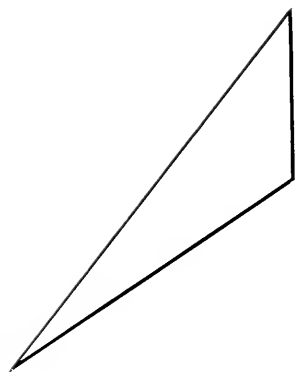


Faculty







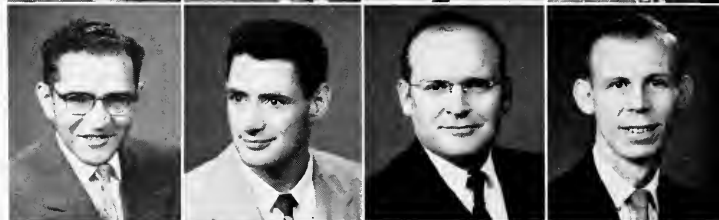


GRADUATES

JAMES B. ALVES  
DURWARD G. BRADLEY  
GERALD RICHARD BREMMER  
CHARLES D. BRYANT



LEON CIFUENTES  
HAROLD VERNON COFFMAN  
BETHEL H. DAVIS  
PHILIP FINET



JAMES BASNETT GUNRAJ  
LUIS GUZMAN  
CHARLES C. KALNIN  
SOLOMON KRAMER



#### First Row:

**JAMES B. ALVES, B.S.C.E.;** Long Island, N.Y.; A.C.E., Treasurer; Varsity Tennis, Soccer.

**DURWARD G. BRADLEY, B.S.M.E.;** Lyles, Tennessee; Mechanical Club; Treasurer, Vice-Chairman, Chairman, Executive Committee; Student Council; Intramural Soft Ball, Basketball; Open House.

**GERALD RICHARD BREMMER, B.S.M.E.;** Grand Haven, Michigan; A.S.M.E.; S.A.E., President, Vice-President, Secretary, Treasurer; Student Council (3), Treasurer (1); Yearbook (2), Assistant Advertising Manager (1), Write-up Editor (1); Student Relations Committee.

**CHARLES D. BRYANT, B.S.R.E. & B.S.E.E.;** Summit Hill, Pennsylvania; Student Council (2); President's List (6).

#### Second Row:

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**HAROLD VERNON COFFMAN, B.S.Ae.E.;** Bourbon, Missouri; I.A.S., Chairman; Sigma Phi Delta; Flying Club,

President; Student Council (4), President (1); Intramural Basketball, Bowling League, Treasurer (1); President's List (1).

**BETHEL H. DAVIS, B.S. M.E.;** Chauncey, Georgia; A.S.M.E.; Varsity Basketball.

**PHILIP FINET, B.S.M.E.;** Danville, Illinois; President's List (2).

#### Third Row:

**JAMES BASNETT GUNRAJ, B.S.C.E.;** Br. Guiana, S.A.; A.C.E.; Cosmopolitan Club, Secretary; Alternate Student Council; Lawn Tennis; President's list (5).

**LUIS GUZMAN, B.S.Ch.E.;** Colombia, S.A.; A.C.S.; Phi Iota Alpha; Ch. Epsilon Tau; Honor Roll.

**CHARLES C. KALNIN, B.S.C.E.;** Chicago, Ill.; A.C.E.; Varsity Soccer; President's List (3); Honor Roll.

**SOLOMON KRAMER, B.S.C.E.;** Elizabeth, N.J.; A.C.E., Vice-President (1), Secretary (1); Flying Club; Student Council, Vice-President (1); Bowling Team and Rifle Team.

First Row:

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VERNIS H. MEYER, B.S.M.E.; Baileyville, Kansas; Executive Committee, (1) A.S.M.E.; Vice-President Junior Class; Student Council, Secretary; Open House.

JACK MITCHELL, B.S.M.E.; Letts, Iowa; Kappa Sigma Kappa; Inter Frat Council, Secretary, Treasurer; Varsity Basketball.

MAHMOOD MOHSEM, B.S.C.E.; Fort Wayne, Indiana; A.C.E.; President's List (3).

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Third Row:

WILLIAM SALSBUURY, B.S.M.E.; Caseyville, Ill.; President's List (4); Student Instructor, Phy 31A (6), Phy 21A (2), ED 11 (1); Open House (1).

LLOYD SELLERS, B.S.R.E.; Lancaster, Pennsylvania; Kappa Sigma Kappa; Sgt. At Arms, Secretary; Inter Frat Council, Treasurer, Secretary; Manager of Softball Team.

NICHELAS SZABAT, B.S.E.E.; Hartford, Connecticut; Alpha Gamma Upsilon, President, Secretary, Pledgemaster; Technician Staff, Sport's Editor, Reporter, Cartoonist; Intramural Bowling, Softball, Swimming, Basketball; Inter Frat Softball.

LEONG WUN, B.S.R.E.; Manteca, California; S.A.R.E. (4).

# T H E S E N I O R C L A S S



ENRIQUE LUNA  
VERNIS H. MEYER  
JACK MITCHELL  
MAHMOOD MOHSEM

DONALD J. NUNAMAKER  
RAFAEL PIZARRO  
WAYNE SCOTT RIAL  
ANATOL RYCHALSKI

WILLIAM SALSBUURY  
LLOYD SELLERS  
NICHELAS SZABAT  
LEONG WUN

TURHAN AK  
FRANK CIRILLO  
CHARLES H. DANCE  
THEODORE H. DENNING



WILLIAM GARY DENSFORD  
MICHAEL J. DILLON  
FRANCIS RAY DUNN  
DUANE MARVIN EAGEN



CARMELO FERRARIO  
FERNAND LOUIS GAGNON  
CHARLES MARTIN GIONET  
GERHARD K. F. HAASE



**First Row:**

**TURHAN AK**, B.S.C.E.; Istanbul, Turkey; President's List (3).

**FRANK CIRILLO**, B.S.C.E.; Newburgh, N. Y.; A.C.E.

**CHARLES H. DANCE**, B.S.M.E.; New Castle, Pennsylvania; A.S.M.E.

**THEODORE H. DENNING**, J.R., B.S.M.E.; St. Meinrad, Indiana; President's List (1); Kappa Sigma Kappa, President, Vice-President; Student Council (3); Secretary (2); Manager Varsity Basketball (1); Honor Roll (4).

**Second Row:**

**WILLIAM GARY DENSFORD**, B.S.E.E.; Columbus, Indiana, A.I.E.E.; Rifle Club; Student Council; President's List (4); Honor Roll (2).

**MICHAEL J. DILLON**, B.S.C.E.; Elizabeth, New Jersey; A.C.E., Treasurer; Vice-President Junior Class; Sigma Phi Delta; Student Council; Intramural Softball and Basketball.

**FRANCIS RAY DUNN**, B.S.M.E.; Monroe, Iowa.

**DUANE MARVIN EAGEN**, B.S.M.E.; Clinton, Iowa; A.S.M.E.; S.A.E.; Student Council; President's List (1).

**Third Row:**

**CARMELO FERRARIO**, B.S.E.E. & B.S.R.E.; Beaver Falls, Pennsylvania; Sigma Phi Delta; Kekiogian Variety Club, Vice-President; Yearbook (2), Assis't Advertising Mgr., Associate Editor; Technician Staff (2), Reporter, Make-up Editor; Boxing Team; Softball, Inter Frat Council, Radio Dept.; President's List (3); Open House.

**FERNAND LOUIS GAGNON**, B.S.E.E. & B.S.R.E.; Lewiston, Maine; A.I.E.E.; Honor Roll (3); Instructor Assistant, RE 111-A, EE 110, Phy 41 (1); Supervisor Electrical Laboratory (Open House).

**CHARLES MARTIN GIONET**, B.S.C.E.; Shirley, Mass.; A.C.E.; Intramural Softball.

**GERHARD K. F. HAASE**, B.S.Ae.E. & B.S.M.E.; Fort Wayne, Ind.; I.A.S.; Flying Club; Secretary-Treasurer, Junior Class; Iota Tau Kappa; President's List (6); Wind Tunnel Laboratory Assistant (3); A.R.S.

First Row:

ALBERT HARADSKY, B.S.E.E.; Duquesne, Pennsylvania; A.I.E.E.; Kappa Sigma Phi, Secretary, Corresponding Secretary; President's List (8).

JOSEPH FEDELE IACOVO, B.S.Ae.E.; West Orange, New Jersey; I.A.S.; A.G.U.; Flying Club; Male Chorus, Bowling; Water Polo; Student Council; Intramural Baseball & Swimming.

ARCADY B. IWASKIW, B.S.E.E.; So. Plainfield, N. J.; S.A.R.E.; A.I.E.E.; President's List (7).

EDDY JERRY JOHNSON, B.S.Ae.E.; Montreal, Canada; I.A.S.; S.A.E.

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ERICK F. KOEHLING, B.S.M.E.; Elburn, Illinois; A.S.M.E.; Intramural Basketball.

STANLEY J. KROKOS, B.S.R.E.; Baltimore, Maryland.

GEORGE LASHINSKY, B.S.R.E. & B.S.E.E.; Windber, Pennsylvania; S.A.R.E.; Sigma Phi Delta; President's List (3).

Third Row:

HAROLD E. LEE, B.S.E.E.; Bidwell, Ohio; A.I.E.E.; Sigma Phi Delta, Chaplain; President, Sophomore Class; Student Council (4), Secretary (1); A.I.E.E., Softball Team Manager; Iota Tau Kappa; Honor Roll (1), President's List (3); Open House.

JACK C. LENSER, B.S.M.E.; Oil City, Pennsylvania; Vice-President; Junior Class; Executive Committee, A.S.M.E. (2).

STANLEY LEVINE, B.S.E.E.; Brooklyn, N. Y.; A.I.E.E., Chairman, Treasurer; S.A.E.; A.S.R.E.; Male Chorus (1); Chairman, Open House; President's List (2); Red Cross Mobile Unit, Chairman.

WALLACE LOFTUS, B.S.R.E.; Moores Hill, Indiana; Student Council (2).

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ALBERT HARADSKY  
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ARCADY B. IWASKIW  
EDDY JERRY JOHNSON

GERALD W. KENEALEY  
ERICK F. KOEHLING  
STANLEY J. KROKOS  
GEORGE LASHINSKY

HAROLD E. LEE  
JACK C. LENSER  
STANLEY LEVINE  
WALLACE LOFTUS

JOSE S. MAIZ  
HAROLD STEWART MARCH  
JOE MARKS  
PATRICK EDWARD MARRON

JOSEPH SIGITAS MIKUCKIS  
MARSHALL L. MILESTONE  
JAMES EDWARD MORRISON  
HARRY L. PETERSON

DONALD E. POUCHER  
WILBUR J. REIDY, JR.  
JOHN C. ROGERS  
ROLAND A. SIMON



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JOSE S. MAIZ, B.S.E.E.; New York, N. Y.; P.I.A.; Secretary; A.I.E.E.; Honor Roll (9).

HAROLD STEWART MARCH, B.S.M.E.; Fort Wayne, Indiana.

JOE MARKS, B.S.E.E.; Fort Wayne, Indiana; A.I.E.E.; A.G.U.; Varsity Basketball (3); Intramural Basketball (1).

PATRICK EDWARD MARRON, B.S.M.E.; Fort Wayne; A.S.M.E.; Sigma Phi Delta; Intramural Basketball & Softball; President's List (6).

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JOSEPH SIGITAS MIKUCKIS, B.S.R.E.; Yonkers, New York; S.A.R.E.; Camera Club; President's List (4).

MARSHALL L. MILESTONE, B.S.Ae.E.; Pomona, California; President's List; Student Instructor, Math B (1); I.A.S.

JAMES EDWARD MORRISON, B.S.E.E.; Fort Wayne, Indiana; Varsity Baseball (2); Intramural Swimming Team (3), Basketball (1), Bowling Club (1); Assistant Instructor T.V. Familiarization Course; Open House.

HARRY L. PETERSON, B.S.C.E.; Morris, Ill.; A.C.E.; Sigma Phi Delta; President's List (1).

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DONALD E. POUCHER, B.S.Ae.E.; Clermont, New York; I.A.S.; Flying Club; President's List (1).

WILBUR J. REIDY, JR.; Speedway, Indiana; S.A.R.E.; Honor Roll (2).

JOHN C. ROGERS, B.S.R.E.; Farmington, New Hampshire; S.A.R.E.

ROLAND A. SIMON, B.S.R.E.; Massillon, Ohio; S.A.R.E.; K.A.R.C.; Vice-President; Baseball.

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**VERNON E. SORENSEN**, B.S.C.E.; Fort Dodge, Iowa; A.C.E.; President; Sigma Phi Delta; Student Council; President, Junior Class, S.M.E.

**ROBERT B. STOCKTON**, B.S.E.E.; Fort Wayne, Indiana; A.I.E.E.; Student Council (1); President's List (4).

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**ARNOLD D. VALENCIA**, B.S.E.E. & B.S.R.E.; Azusa, California; S.A.E., Secretary, Vice-President; Sigma Phi Delta; Student Council; Technician, (3) Reporter, Advertising Mgr., Make-up Editor; Yearbook (2), Advertising Mgr., Editor-in-Chief; Kekiongian Feather Award; President's List (2); Open House, Program Chairman, Christmas Convo.

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**HARRY J. WHITE**, B.S.M.E. & B.S.C.E.; S.A.E.; A.C.E.; President's List (4).

**ROBERT HAROLD WILLIAMS**, B.S.R.E.; Savannah, Georgia; Student Instructor, EE 120 Lab., Phy 21-A (1).

**Third Row:**

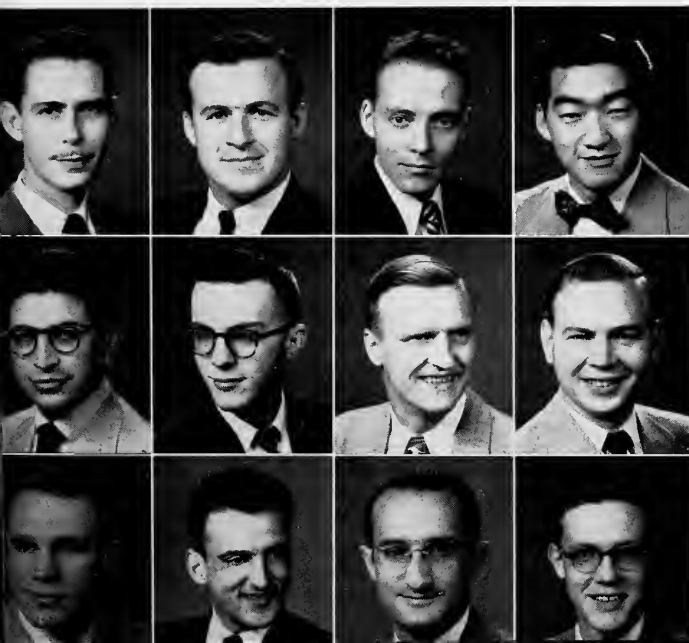
**ROBERT NOLAR WOLFE**, B.S.R.E.; Oak Harbor, Ohio.

**STEVEN T. ADAMS**, B.S.E.E.; New York, N. Y.; Sigma Phi Delta; A.I.E.E.; Soccer Team; President's List (4).

**KEVORK AGOP**, B.S.E.E.; Aleppo, Syria; Kappa Sigma Phi; Male Chorus; Arab Student Club; Nations United Club; President's List (6); Honor Roll (1).

**JOHN REED AKER**, B.S.M.E.; Columbia City, Indiana; President's List (5); Iota Tau Kappa; Honor Roll (1).

# T H E S E N I O R C L A S S

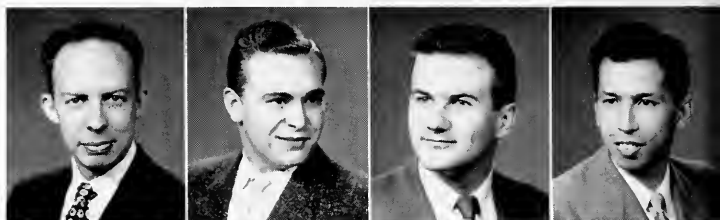


ALFREDO SINIBALDI  
VERNON E. SORENSEN  
ROBERT B. STOCKTON  
GEORGEAN TAKEHARA

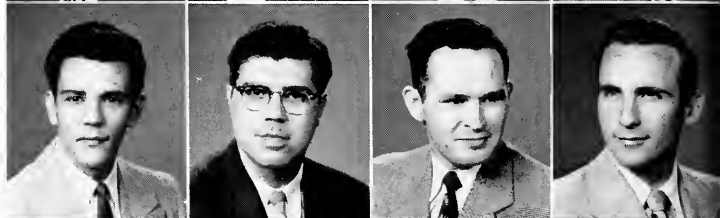
ARNOLD D. VALENCIA  
TERRY LEE WELTY  
HARRY J. WHITE  
ROBERT HAROLD WILLIAMS

ROBERT NOLAR WOLFE  
STEVEN T. ADAMS  
KEVORK AGOP  
JOHN REED AKER

BRUCE BARCLAY  
EUGENE A. BEDNAR  
GUY G. BELANGER  
JORGE BURITICA-BAENA



JOSE M. CAMPO  
LEWIS J. COOK  
GEORGE ALONZO CRAIG  
JOSEPH A. CRUSE



DHUAINE J. DAVIS  
ROBERT E. DAWLEY  
JEAN M. DIONNE  
WAYNE P. ERICKSON



**First Row:**

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**EUGENE A. BEIDNAR**, B.S.M.E.; Rayland, Ohio; Kappa Sigma Phi, Treasurer; Student Council; President's List (1); President, Senior Class.

**GUY G. BELANGER**, B.S.C.E.; Quebec, Canada; A.C.E.; Sigma Phi Delta; President's List (1); Open House.

**JORGE BURITICA-BAENA**, B.S.E.E.; Colombia, S.A.; Soccer Team.

**Second Row:**

**JOSE M. CAMPO**, B.S.C.E.; Colombia, S.A.

**LEWIS J. COOK**, B.S.C.E.; North Benton, Ohio; A.C.E.; President's List (4); Secretary, Freshman Class.

**GEORGE ALONZO CRAIG**, B.S.C.E.; Warren, Indiana; A.C.E.; President's List (3).

**JOSEPH A. CRUSE**, B.S.Ch.E.; Louisville, Ky.; A.C.S.; Chairman, Open House; X.E.T.; Intramural Softball, Basketball; Iota Tau Kappa; President's List (8).

**Third Row:**

**DHUAINE J. DAVIS**, B.S.E.E.; Glen Ellyn, Ill.; Alpha Gamma Upsilon, Pledge Master (1); Rifle Team (1).

**ROBERT E. DAWLEY**, B.S.E.E. and B.S.R.E.; Hope, Rhode Island; President's List (7); Student Instructor, EE 120 Asst. (3).

**JEAN M. DIONNE**, B.S.C.E.; Edmundston, N.B. Canada; President, Sophomore Class; A.C.E.; Secretary, Open House.

**WAYNE P. ERICKSON**, B.S.M.E.; Grand Junction, Colorado; A.S.M.E.; S.A.E.; Sigma Phi Delta; President's List (3).



**First Row:**

**HENRY DANIEL EWANCHOOK**, B.S.C.E.; Swift Current, Sask., Canada; A.C.E.; Camera Club, Secretary, Treasurer; Male Chorus (1); Iota Tau Kappa; Caswell Drawing Award; President's List (8); Asst. Student Instructor, Phy. 31A (1).

**RICHARD E. FILARSKY**, B.S.E.E.; Mentone, Indiana; Sigma Phi Delta, Guide; S.A.R.E. (1); Frat. Bowling, Softball; Elect. Dpt. Basketball; President's List (1).

**HAROLD SAUM FORD**, B.S.C.E.; Cumberland, Maryland; A.C.E.; Alpha Gamma Upsilon, Secretary-Treasurer; Intramural Basketball, Softball; Honor Roll (5).

**RONALD JOS. FULAYTER**, B.S.Ae.E.; Cedar Lake, Indiana; I.A.S.; Kappa Sigma Phi, Secretary; Independent Party, Secretary; Technician Staff, Reporter (1), News Editor (2), Managing Editor (1), Asst. Managing Editor (1); Student Council (1); President, Senior Class; Secretary, Junior Class; Male Chorus (5).

**Second Row:**

**ROBERT N. GEER**, B.S.R.E.; Van Nuys, California; S.A.R.E.; Camera Club; President's List (5); Iota Tau Kappa; Asst. Instructor, Phy. 21A, 31A, 41-A, (1).

**SUBHAS CHANDRA GHORAL**, B.S.C.E. and B.S.Ae.E.; West Bengal, India; S.C.E.; Iota Tau Kappa; Honor Roll (8); Nation United Club; Tennis, Soccer.

**JAMES W. GODWIN**, B.S.R.E.; Portland, Oregon; President's List (5).

**PAUL D. HANCOCK**, B.S.R.E.; Hays, Kansas; Sigma Phi Delta, Secretary; K.A.R.C., Secretary; Technician Staff, Intramural Champs, Intracollegiate Champs, Male Chorus; Feature Writer (9); Bowling (3), Intramural Team Captain; (1); Open House.

**Third Row:**

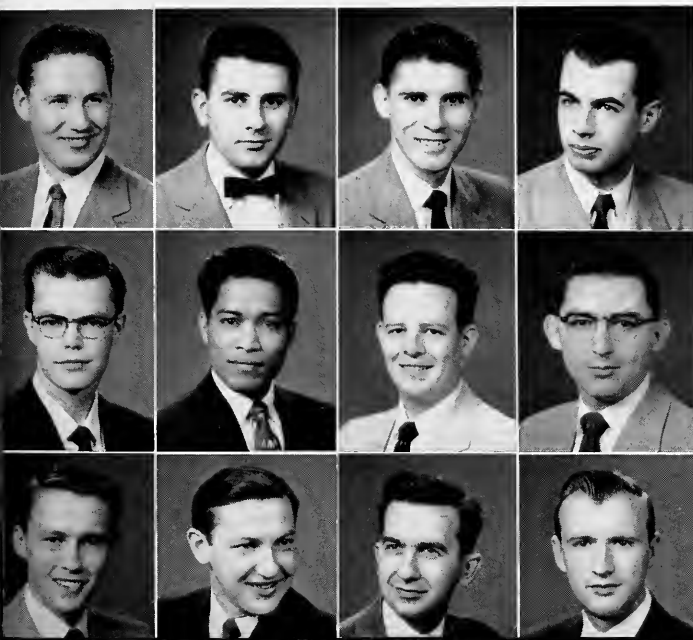
**ALLEN EDWARD HEMMINGER**, B.S.M.E.; Oak Harbor, Ohio; S.A.E.; A.S.M.E.; Tennis, Intramural Basketball.

**GEORGE HONCZARENKO**, B.S.Ae.E.; Cleveland, Ohio; I.A.S.; Nation United Club; Soccer Team; Intramural Volleyball; President's List (1).

**LOUIS MARIO IACONA**, B.S.C.E.; Buffalo, N. Y.; A.C.E., President, Vice-President; Kappa Sigma Phi, Correspondent Secretary; Fraternity Bowling Team.

**HARRY E. JOHNSTON**, B.S.M.E.; Bradford, Pennsylvania; A.S.M.E.; Rifle Club; Flying Club; Open House.

# THE SENIOR CLASS



HENRY DANIEL EWANCHOOK  
RICHARD E. FILARSKY  
HAROLD SAUM FORD  
RONALD JOS. FULAYTER

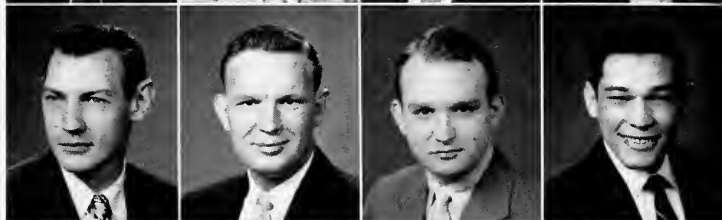
ROBERT N. GEER  
SUBHAS CHANDRA GHORAL  
JAMES W. GODWIN  
PAUL D. HANCOCK

ALLEN EDWARD HEMMINGER  
GEORGE HONCZARENKO  
LOUIS MARIO IACONA  
HARRY E. JOHNSTON

NaSUH KHATIB  
TOM T. KITANO  
FRANK WILLIAM LAYTON  
EDWARD L. LEEKA



JOHN D. LONG  
RICHARD GORDON MALCHOW  
WILLIAM HOWARD MATHEWS  
EDUARDO A. MELLADO



JAMES E. MILLER, JR.  
GEORGE B. NENSON  
SILVIO C. J. PATTI  
JAMES F. PATTON



**First Row:**

NaSUH KHATIB, B.S.M.E.; Damascus, Syria; A.S.M.E.; Camera Club.

TOM T. KITANO, B.S.M.E.; Fort Wayne, Indiana; A.S.M.E.; Hawaiian Club, President; Sports Chairman; Student Council; Intramural Bowling, Softball, Basketball; Secretary-Treasurer, Sophomore Class; President's List (1).

FRANK WILLIAM LAYTON, B.S.E.E.; St. Vital, Canada; S.A.R.E.; Honor Roll (3).

EDWARD L. LEEKA, B.S.R.E.; Union City, Indiana; S.A.R.E.; Treasurer, Senior Class; Honor Roll (1); Open House (2).

**Second Row:**

JOHN D. LONG, B.S.E.E.; Altoona, Pennsylvania; Bowling League.

RICHARD GORDON MALCHOW, B.S.E.E.; Holland, Mich.; Bowling Club; President's List (6).

WILLIAM HOWARD MATHEWS, B.S.Ae.E.; Dayton

Ohio; Alpha Gamma Upsilon, Treasurer, Pledgemaster, Sgt. at Arms; Yearbook Staff, Executive Advertising Manager.

EDUARDO A. MELLADO, B.S.Ch.E.; Baja California, Mexico; A.C.S.; Treasurer; A.I.Ch.E.; Sigma Phi Delta; Intramural Basketball, Bowling Team; President's List (5); Chemical Lab. Assistant (5).

**Third Row:**

JAMES E. MILLER, JR., B.S.R.E.; New Castle, Indiana; S.A.R.E.; Varsity Basketball Scorekeeper (2).

GEORGE B. NENSON, B.S.C.E.; Regina, Sask., Canada; A.C.E., Secretary; Alpha Gamma Upsilon; Student Council; Male Chorus; President's List (3).

SILVIO C. J. PATTI, B.S.E.E.; Bronx, N. Y.; Kappa Sigma Phi; President's List; Student Instructor EE 120 (3), Phy. 21A, Phy. 41A (3).

JAMES F. PATTON, B.S.M.E.; Fort Wayne, Indiana; A.S.E.; Intramural Basketball (2), Softball (1); Vice-President (2), Senior Class; President's List (1).

**First Row:**

**JAMES H. POYER, JR.**, B.S.M.E.; Bradford, Pennsylvania; A.S.M.E.; Rifle Club.

**PETER A. RADOSTI**, B.S.Ae.E.; Thompsonville, Conn.

**JOSEPH REITBLATT**, B.S.M.E., Tel-Aviv, Israel; A.S.M.E.

**ROBERT M. RIPPEY**, B.S.E.E.; Fort Wayne, Indiana, Faculty Advisor; A.I.E.E.; K.A.R.C.; President's List.

**Second Row:**

**RICHARD F. ROHAN**, B.S.C.E.; Poughkeepsie, N.Y.; A.C.E.

**HARRY JOHN SIEGEL**, B.S.M.E.; Erie, Pennsylvania; President's List (4).

**RICHARD LEE SCHROEDER**, B.S.M.E.; Moline, Ill.; S.A.E.; A.R.S.; Sigma Phi Delta, Asst. Secretary; Student Council; Yearbook Staff.

**RUSSELL S. SMITH**, B.S.R.E.; Pottstown, Pennsylvania;

S.A.R.E.; Bowling Club (3), Secretary, President; Sports Editor, Yearbook Staff; President's List (1).

**Third Row:**

**ROBERT D. SYNDER**, B.S.M.E.; Lancaster, Pennsylvania; S.A.E.; President; A.S.M.E., President; Iota Tau Kappa, President; Student Council; Open House Chairman; President's List (9).

**HERBERT JAMES SOMMER**, B.S.M.E.; Orrville, Ohio; A.S.M.E.; Camera Club, Vice-President; Flying Club, President; Student Council (1); President's List (1); Freshman Class, Vice-President; Sophomore Class, Secretary-Treasurer.

**SATORU TAKESHITA**, B.S.E.E.; Lanai City Lanai, Hawaii; Hawaiian Club, Reporter, Sgt. at Arms; Bowling, Softball, Basketball, Inter-Frat.

**ERNEST KHEK-SENG TAN**, B.S.Ch.E.; Kowloon, Hong Kong; A.C.S.; Secretary, Vice-President; Nations United Club, President; Student Council; Fencing Club, Secretary; President's List (2).

# THE SENIOR CLASS

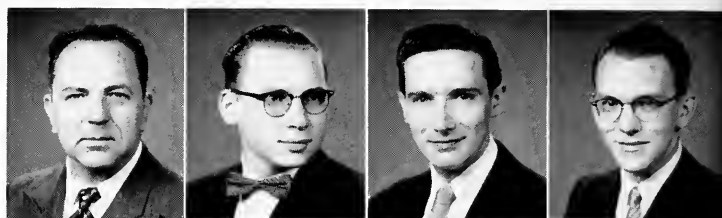


**JAMES H. POYER, JR.**  
**PETER A. RADOSTI**  
**JOSEPH REITBLATT**  
**ROBERT M. RIPPEY**

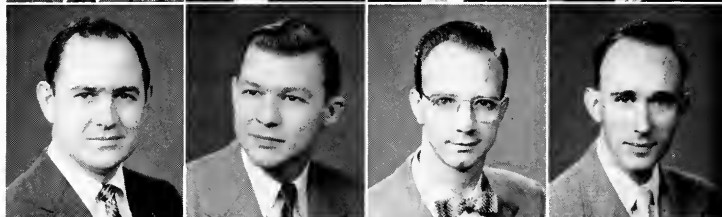
**RICHARD F. ROHAN**  
**HARRY JOHN SIEGEL**  
**RICHARD LEE SCHROEDER**  
**RUSSELL S. SMITH**

**ROBERT D. SNYDER**  
**HERBERT JAMES SOMMER**  
**SATORU TAKESHITA**  
**ERNEST KHEK-SENG TAN**

EVALD TENISONS  
REIN TEOSTE  
RICHARD GEORGE TIMKO  
EDGAR V. TUNSTALL



V. G. VADEN  
EARLE R. WALKER  
JOHN B. WRIGHT  
ARTHUR DAVID ADAMS



EDGAR LEONARDO ALARCON  
JAMES M. ALLMAN  
ARVID A. ANDERSON  
ROBERT FRANK BANGERT



**First Row:**

EVALD TENISONS, B.S.Ch.E.; Kalamazoo, Mich.

REIN TEOSTE, B.S.R.E.; Fort Wayne, Indiana; S.A.R.E.; Kappa Sigma Phi; Volleyball; Open House.

RICHARD GEORGE TIMKO, B.S.R.E.; Garfield, New Jersey; Intramural Softball; President's List (6).

EDGAR V. TUNSTALL, B.S.C.E.; Franklin, Pennsylvania; A.C.E.

**Second Row:**

V. G. VADEN, B.S.E.E.; Mt. Clemens, Mich.; A.E.E.E., Treasurer; Sigma Phi Delta; Student Council; Fraternity Pledge-master, Chief Engineer; President, Vice-President, Treasurer of Student Council; Golf Team; Student Instructor, Phy. 41-A, Phy. 21A, Phy. 31A (5).

EARLE R. WALKER, B.S.C.E.; Waverly, Virginia, A.C.E.; Sigma Phi Delta; Student Council (2); Intramural Basketball, Softball; Inter-Frat Softball.

JOHN B. WRIGHT, B.S.Ae.E.; Portlandville, New York; I.A.S., Chairman (2); Sigma Phi Delta, Historian; Camera Club; Flying Club; Student Council; Intramural Softball; Secretary, Senior Class; President's List (1).

ARTHUR DAVID ADAMS, B.S.M.E.; Butler, Pennsylvania; Intramural Softball, Bowling; Honor Roll (2).

**Third Row:**

EDGAR LEONARDO ALARCON, B.S.M.E.; Tachira, Venezuela; Phi Iota Alpha, President; Soccer, Captain.

JAMES M. ALLMAN, B.S.R.E.; Cox's Mills, West Virginia; S.A.R.E.; Nipsco Club, Caswell Eng. Dwg. Award, 2nd ED2, 2nd. EO3; President's List (7); Honor Roll (2).

ARVID A. ANDERSON, B.S.M.E.; Lititz, Pennsylvania; A.S.M.E.; S.A.E., Treasurer; Kappa Sigma Phi; President's List (2).

ROBERT FRANK BANGERT, B.S.R.E. and B.S.E.E.; Fort Wayne, Indiana; A.I.E.E.; President's List (8); Asst. Open House (2).

**First Row:**

**HAIM BAR-AKIYA**, B.S.M.E.; Haifa, Israel; A.S.M.E.; Camera Club; Nations United Club.

**PHILIP MARCEL BELANGER**, B.S.C.E.; Meriden, Conn.; A.C.E.

**GILBERTO G. BENITEZ**, B.S.Ch.I.; Cali, Colombia, S.A.

**LAWRENCE MYLES BULL**, B.S.E.E.; Pittsburgh, Pennsylvania; A.I.E.E. (6) Secretary; S.A.R.E., Vice-Chairman (3); Male Chorus (2).

**Second Row:**

**JOSE RIENZI BUSTILLOS**, B.S.Ch.E.; Palmira, Colombia; S.A.

**ROY E. CALCAGNO**, B.S.Ch.E.; San Francisco, California; A.C.S., President, Secretary; A.I.Ch.E.; Sigma Phi Delta; Camera Club; Student Council, Secretary; Technician Staff, Photographer; Male Chorus; Open House; Iota Tau Kappa.

President; President's List (6); Student Instructor (3), Chem II, Chem IIA, Chem 2IA.

**KEITH LEWIS COSNER**, B.S.M.E.; McComb, Ohio; A.E.M.E. President, Vice-President, Treasurer, Sophomore Class, President; Student Council.

**STEPHEN FRANK CSENCISITZ**, B.S.Ae.E.; Northampton, Penna.; T.S.A. Alpha Gamma Upsilon; Varsity Basketball; Intramural Basketball.

**Third Row:**

**DONALD D. DADDOW**, B.S.E.E.; Charles City, Iowa; Sigma Phi Delta; Pledgemaster; Inter-Frat. Softball; President's List (2); Open House (2).

**HOWARD W. DAVIS**, B.S.E.E.; Stoughton, Wisc.; Intramural Basketball, Softball.

**HERBERT FUJII**, B.S.M.E.; Cleveland, Ohio.  
**JOSE RAFAEL GONZALEZ**, B.S.C.E.; Caracas, Venezuela.

# THE SENIOR CLASS

**948650**



**HAIM BAR-AKIYA**  
**PHILIP MARCEL BELANGER**  
**GILBERTO G. BENITEZ**  
**LAWRENCE MYLES BULL**

**JOSE BUSTILLOS RIENZI**  
**ROY E. CALCAGNO**  
**KEITH LEWIS COSNER**  
**STEPHEN FRANK CSENCISITZ**

**DONALD D. DADDOW**  
**HOWARD W. DAVIS**  
**HERBERT FUJII**  
**JOSE RAFAEL GONZALEZ**

HOWARD HARRY HALL  
GEORGE HASABE  
VERNON G. HOWE  
NASH KHAYAT

THEODORE J. KISH  
STANLEY McFARLAND  
CHANDRATHIL K. MATHEW  
PAUL E. MIELKE

ABSALON ARMANDO MONCAYO  
VICENTE NATIVIDAD  
EARL W. OGAWA  
MOORE T. PADMORE



**First Row:**

HOWARD HARRY HALL, B.S.Ae.E.; Mt. Clemens, Michigan; I.A.S., Treasurer (2); A.R.S., Treasurer (2); B.I.S.; A.A.S.; Varsity Golf (3); Bowling (2), Captain.

GEORGE HASABE, B.S.R.E.; Dinuba, California; S.A.R.E.; President's List (7); Honor Roll (3).

VERNON G. HOWE, B.S.C.E.; Fort Wayne, Indiana; A.C.E.

NASH KHAYAT, B.S.C.E.; Fort Wayne, Indiana; A.C.E.; Fencing Club.

**Second Row:**

THEODORE J. KISH, B.S.M.E.; Welland, Ontario, Canada; A.S.M.E., President, Treasurer; S.A.E., Treasurer; Sigma Phi Delta; Secretary, Chief Engineer; Student Instructor, Machine Tool Lab. (3).

STANLEY McFARLAND, B.S.Ae.E.; Middletown, Ohio; I.A.S.; A.R.S.

CHANDRATHIL K. MATHEW, B.S.C.E.; Travancore, India; A.C.E.; Nations United Club; Club and Society Editor, Technician.

PAUL E. MIELKE, B.S.R.E. & B.S.E.E.; Antwerp, Ohio; Student Council (1); President's List (2).

**Third Row:**

ABSALON ARMANDO MONCAYO, B.S.Ch.E.; Buga, Valledel Cauca, Colombia; S.A.

VICENTE NATIVIDAD, B.S.E.E.; Hawi, Hawaii; T.H.; Hawaiian Club; Varsity Baseball (1); Intramural Bowling (1), Basketball (1), Softball (3); Inter-Frat, Softball (1).

EARL W. OGAWA, B.S.C.E.; Elele, Kauai, Hawaii; A.C.E.; Kappa Sigma Kappa; Hawaiian Club, Secretary, Treasurer; Bowling Club; Inter-Frat, Council, President; Inter-Frat, Softball; Intramural Swimming, Basketball.

MOORE T. PADMORE, B.S.C.E., Monrovia, Liberia; A.C.E.

First Row:

**WILLIAM C. POKORNY**, B.S.E.E.; New York, N. Y.; Iota Tau Kappa, Secretary, Treasurer.

**L. ENRIQUE RAMIREZ G.**, B.S.E.E.; Cali, Colombia, S.A.

**WALTER MARVIN ROBERTS**, B.S.C.E.; Sugar Grove, Virginia; A.C.E.; President's List (5).

**KERNS E. ROWE**, B.S.Ae.E.; Olean, N. Y.; I.A.S., Secretary, Design Proposal Committee, Chairman; A.R.S.; Flying Club; Nations United Club; Male Chorus, Treasurer; Bowling Team; Tennis Team, Captain; Fencing Team, Captain; Open House, (3); President's List (3); Honor Roll (2).

Second Row:

**CARL EDWARD RUMSEY**, B.S.R.E.; West Frankfort, Ill.; S.A.R.E.; Iota Tau Kappa; Intramural Softball; President's List (8); Honor Roll (4).

**WATERLOO SAKAKURA**, B.S.E.E. & B.S.R.E.; Stockton, Calif.; A.I.E.E., Treasurer, Reporter; Alpha Gamma Upsilon, Treasurer; I.F.C., Representative; Student Council, Treasurer; President's List (4).

**WILLIAM J. SCHRADER**, B.S.M.E.; Manistee, Mich.;

O.S.M.E.; Kappa Sigma Phi; Camera Club, Vice-President; Fencing Club, President, Vice-President, Treasurer; Radio Club; Technician Staff; Yearbook, Male Chorus, President, Secretary; Senior Class, Vice-President; Fencing Team, Captain; Open House; Nations United Club, Program Chairman.

**USMAN MAHMUD SHAIKH**, B.S.C.E.; Karachi, Pakistan; A.C.E.; Nations United Club.

Third Row:

**EDWARD JAMES SLAGA**, B.S.E.E.; Rome, N. Y.; A.I.E.E.; President's List (2).

**CHARLES O. TERRIER**, B.S.M.E.; May Pen, Jamaica, B.W.I.; Canterbury Club; President's List (5).

**GLEN K. UYEDA**, B.S.Ae.E.; Gallup, New Mexico; I.A.S.; President's List (3).

**DONALD CLIFTON VALKEMA**, B.S.Ae.E.; Saugatuck, Michigan; I.A.S., Treasurer; Bowling Club, Vice-President; Flying Club, President; Kappa Sigma Kappa, Vice-President, Secretary; Intramural Basketball, Swimming; President's List (7).

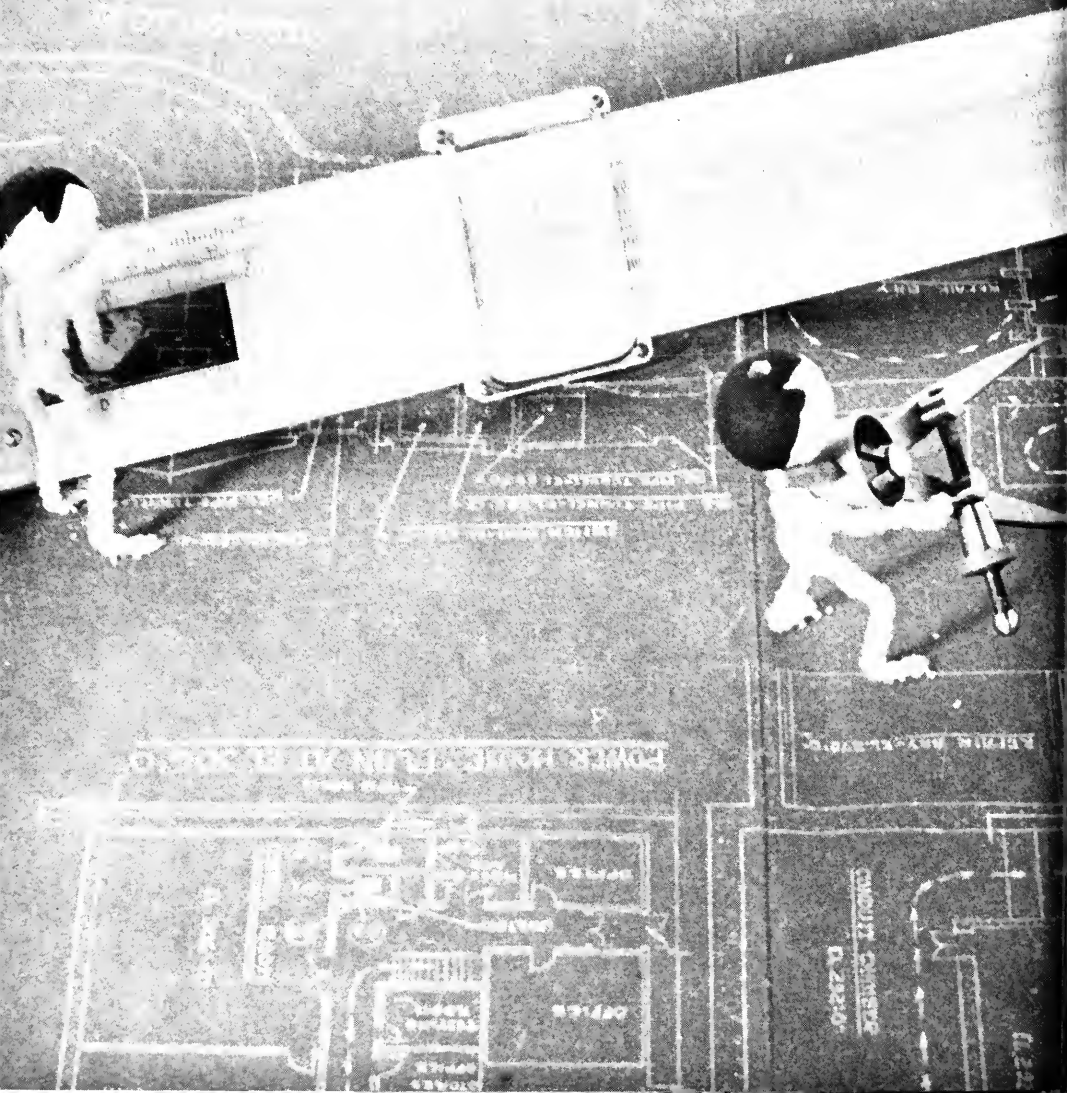
# T H E S E N I O R C L A S S



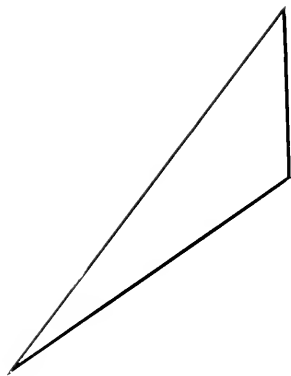
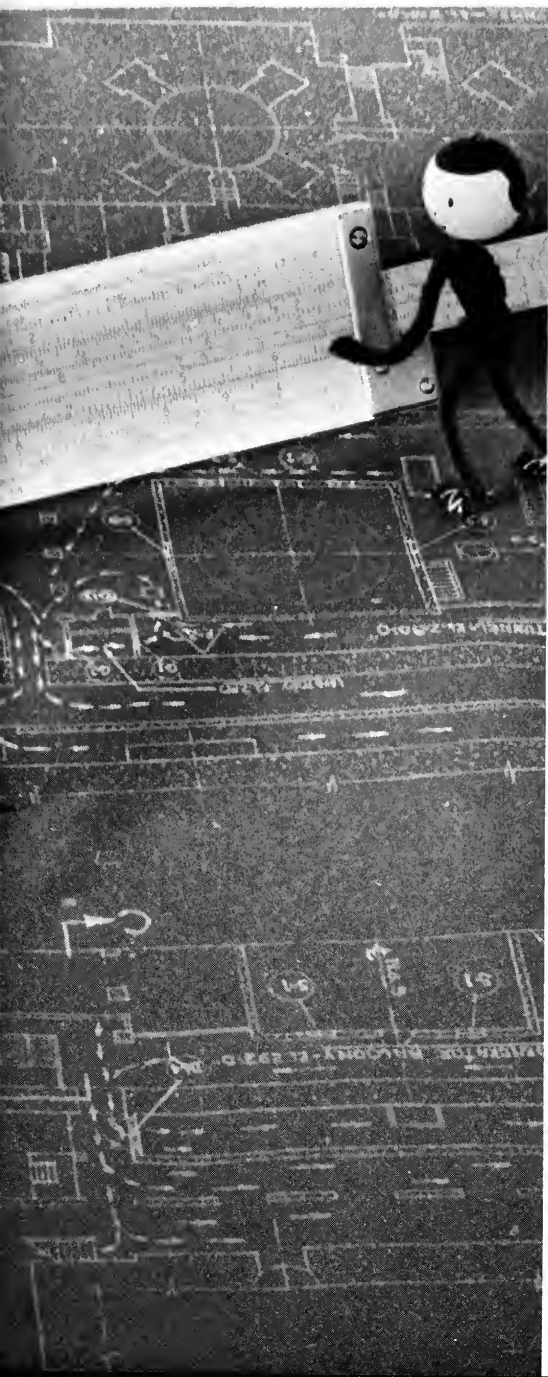
**WILLIAM C. POKORNY**  
**L. ENRIQUE RAMIREZ G.**  
**WALTER MARVIN ROBERTS**  
**KERNS E. ROWE**

**CARL EDWARD RUMSEY**  
**WATERLOO SAKAKURA**  
**WILLIAM J. SCHRADER**  
**USMAN MAHMUD SHAIKH**

**EDWARD JAMES SLAGA**  
**CHARLES O. TERRIER**  
**GLEN K. UYEDA**  
**DONALD CLIFTON VALKEMA**





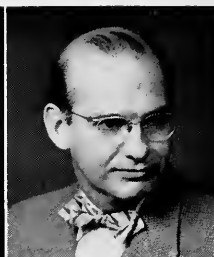


DEPARTMENTS

# AERONAUTICAL DEPARTMENT



BENJAMIN L. DOW



BENNETT L. KEMP

**BENJAMIN L. DOW**, Chairman Department of Aeronautical Engineering; B.S.Ae.E., Virginia Polytechnic Institute; Graduate Student, Johns Hopkins University; Jet Propulsion Research, Glenn L. Martin Co.; M.S.Ae.E., University of Michigan.

**BENNETT L. KEMP**, Aeronautical Engineering, and in charge of Wind Tunnel; B.S.Ae.E.; Indiana Technical College, formerly flight research engineer, and in charge of wind tunnel of Sikorsky Aircraft Corp. Graduate study, University of Michigan.

Development of aircraft in speed and numerous designs in recent years has been amazing. The demand for men capable of designing and inspecting aircraft production is potentially unlimited. The well-trained Aeronautical Engineer may specialize in propeller design, airplane design, airplane production, airplane stress analysis, airport management, traffic management, and executive duties. The recent adoption by automotive manufacturers of streamline design emphasize the importance of the study of air currents and forces disclosed in wind-tunnel laboratory experiments.



Wind Tunnel Propeller Adjustment

# CHEMICAL DEPARTMENT

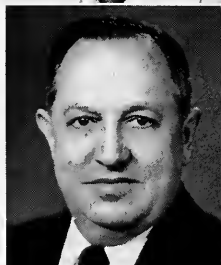
Chemistry lab experiment



ROBERT M. BISHOP



TOD R. DIXON



**ROBERT M. BISHOP**, Chemical Engineering; Wabash College; B.S.Ch.E., Indiana Technical College.

**TOD B. DIXON**, Chairman, Department of Chemical Engineering; B.S.Ch.E., M.S.Ch.E., and Ph.D.Ch.E., Ohio State University; formerly chairman of Chemical Engineering Department, Pratt Institute, Brooklyn, New York.

Because the applications of chemistry are so numerous and diversified, even the most casual examination will reveal the fact that virtually all industry in some stage of processing, development, or manufacturing, must depend directly on men with a knowledge of Chemistry. This has given rise to specialization in the field of Chemical Engineering, so that there are today highly specialized and diversified fields, such as Metallurgical Engineering, Gas Engineering, Petroleum Engineering, Ceramics Engineering, and various others. However, all of these fields are nothing more than offshoots from the parent, Chemical Engineering, which, therefore, still retains its major importance.

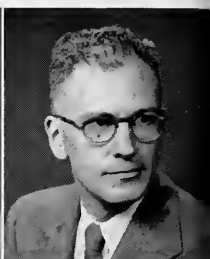
# CIVIL ENGINEERING



WALDO E. ALBERT, JR.



ROBERT C. RUHL



WILLARD H. STEVENSON

**WALDO E. ALBERT, JR.**, Aeronautical and Civil Engineering; Olivet College; B.S.Ae.E., B.S.C.E., Indiana Technical College; Engineer, Curtiss Wright Corporation; C.A.A. Primary, Secondary, and Instructors' Pilot Certificate; Rated Ground School Instructor.

**ROBERT C. RUHL**, Dean, Chairman, Department of Civil Engineering Chairman Academic Committee, B.S.C.E., M.S.C.E., Purdue University.

**WILLARD H. STEVENSON**, Civil Engineer; B.S.C.E., Purdue University; Graduate School, University of Illinois; formerly Design Engineer, American Steel Dredge; Consulting Engineer.

Civil Engineering is the oldest of the engineering professions, and may well be considered the parent of most of the other more or less specialized phases of Engineering Science. Egypt's pyramids; the Roman roads, bridges, and aqueducts; the channeling and dyke-building along China's Yellow River, are monuments to Civil Engineers who, thousands of years ago, pitted their skill against adverse Nature, overcoming her obstacles or holding in check her tremendous forces. Even as today the Civil Engineer builds our roads, so thorough the centuries, the profession of Civil Engineering prepared the figurative roads along which other branches of engineering have advanced.



Surveyor's Accuracy in Construction

# ELECTRICAL ENGINEERING

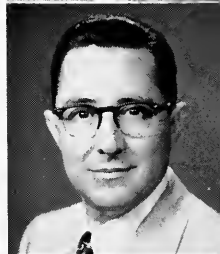
Electrical Mechanism of Clock being  
repaired



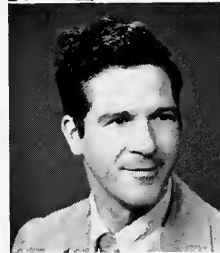
RICHARD DERMER



EUGENE MONTOYA, JR.



MAURICE SIMMONS



**RICHARD DERMER**, Chairman, Department of Electrical Engineering; B.S.E.E., Indiana Technical College, formerly with General Electric Company in Testing and Experimental Laboratory.

**EUGENE MONTOYA, JR.**, Electrical Engineering; B.S.E.E., Indiana Technical College; graduate studies, Illinois Institute of Technology and Purdue University; formerly Instructor U.S. Army and USAF.

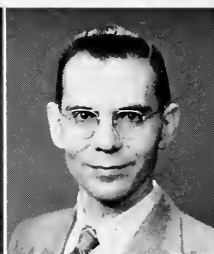
**MAURICE SIMMONS**, Electrical Engineering; B.S.E.E., B.S.R.E., Indiana Technical College.

The Electrical Engineer must be familiar with his field, including the mechanical as well as the electrical aspects, whether he has to do with the housewife's electric iron or with the gigantic electric furnace. He must know how to select or how to design the correct motor in accordance with specific needs for power. He must have a practical as well as a theoretical knowledge and interest that will lead him to work out economics in powerhouse and production problems. His is the master mind in the field of communications. The modern automatic telephone with its instant accurate service is a monument to his inventive genius and painstaking skill.

# MECHANICAL ENGINEERING



JOSEPH DORS



HOWARD A. MACKLIN



IVAN PLANCK

JOSEPH DORS, Mechanical Engineering; B.S.M.E., Indiana Technical College.

HOWARD A. MACKLIN, Mechanical Engineering; A.B., Huntington College; M.A. Ball State Teacher's College; B.S.M.E., Indiana Technical College; Graduate Work, Indiana University.

IVAN PLANCK, Chairman, Departments of Mechanical and Aeronautical Engineering; B.Ch.E., B.Sc. in Ed., Ph.D., Ohio State University.

The field of Mechanical Engineering embraces virtually every field of science and industry. Every manufactured article, no matter what its nature, requires the services of mechanical engineers both in the design of the machine on which it is made and in the operation of the factory itself.

This field of engineering is so broad that no man can be an authority on all its branches. Therefore, the student is given a thorough background in the basic sciences, from which he branches off into his special field.

Recognizing the need for good human relations in engineering, the Mechanical Department sponsors various organizations, such as the A.S.M.E. and S.A.E. These organizations, through their various field trips to industry, open house projects and social functions, teaches the student the importance of getting along with his fellow men.



Assembly line accuracy insures  
production

# RADIO ENGINEERING

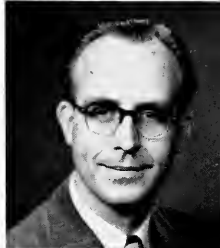
Television tower transmitter skyline



HAROLD E. BAGGOTT



RALPH S. CARSON



ARTHUR B. PRICE



**HAROLD E. BAGGOTT**, Electrical and Radio Engineering; B.S.R.E., B.S.E.E., Indiana Technical College; formerly engineer, Magnavox Corporation.

**RALPH S. CARSON**, Chairman, Department of Radio Engineering; B.S.E.E., B.S.R.E., M.S.E.E., Major in Communications, University of Michigan; Engineer, formerly with Farnsworth Television and Radio Corporation; Advanced Study, Indiana University.

**ARTHUR B. PRICE**, Radio Engineering; B.S.E.E., B.S.R.E., Indiana Technical College.

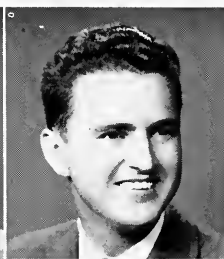
The ready transmission of sound and its reception has been a great boon to modern civilization and the Radio Engineer. Now the poor as well as the rich have the delights of the world's best music, entertainment and information at their own firesides. American homes contain millions of receiving sets. Continued improvement prompts constant replacement of these sets with others still more compact and efficient—more precise and accurate in operation. The advent of television has brought about radical changes in receiving sets and a complete revolution of structure and function of the entire network of broadcast stations.



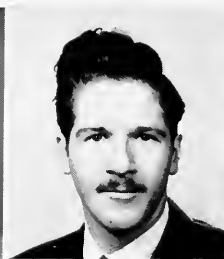
MR. RICHARD DERNER



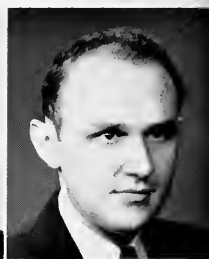
MR. EUGENE MONTOYA



MR. ROBERT MORRIS



MR. MAURICE SIMMONS



MR. JOHN WHITNEY

MRS. THELMA ADAMS  
Secretary



DR. A. T. KEENE	Director
MR. C. A. OVERHOLT	Business Manager
MR. EUGENE MONTOYA, JR.	Administrative Engineer
MR. R. D. DERNER	Chief Consultant
MR. R. C. RUHL	Consultant
DR. IVAN PLANCK	Consultant
MR. R. CARSON	Consultant
DR. T. G. DIXON	Consultant
MR. B. DOW	Consultant
MR. CLYDE MELTON	Consultant
MR. JOHN WHITNEY	Chief Development Engineer
MR. ROBERT MORRIS	Development Engineer
MR. B. KEMP	Development Engineer
MR. ARTHUR PRICE	Development Engineer
MR. MAURICE SIMMONS	Development Engineer

Total Projects as of May 1955—175

Percent increase in number during year 1954-55—400%

Percent increase in dollar volume year 1954-55—350%

Total number of faculty staff employed—full- and part-time—28

Total number of students employed—part-time—32

Types of Research and Development work performed—

Automatic electronic controls, custom test equipment to meet NEMA, ASTM, ASA specifications, analytical chemistry, electrical components, fuel analyses, mechanical components, compression, tension, strain, stress testing high-frequency heating, structural design, environmental testing, applied mathematics.

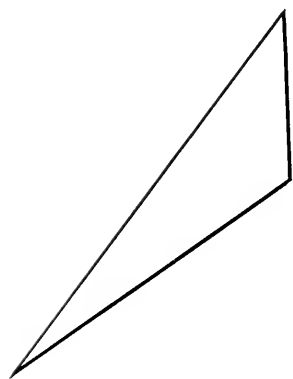


# RESEARCH, DEVELOPMENT, TESTING AND CONSULTING LABORATORIES

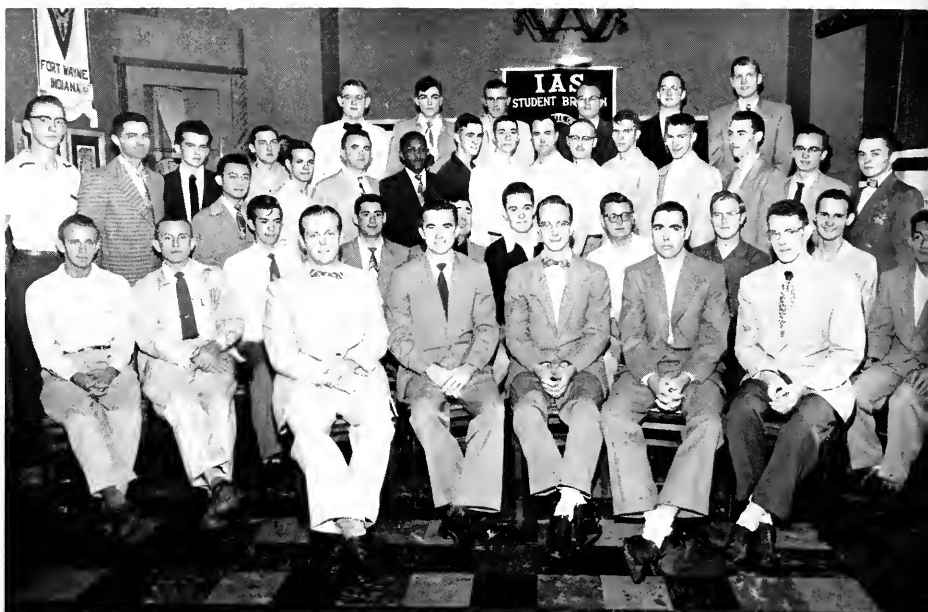
Mr. Robert Morris working on a testing assembly







ASSOCIATIONS



First Row, seated left to right: Mr. B. L. Dow, Norman L. Baker, John B. Wright, W. W. Blake, Bernard E. Heyl. Second Row: Donald Wm. Culp, Stanley McFarland, Alfred R. Rathmell, Harold V. Coffman, Mark M. Smith, Forest R. Straub, D. R. Drung, Howard Hall, James Spittler, T. Hironaga. Third Row: Russel Rhodes, L. R. Wadekamper, Glen K. Uyeda, Donald E. Poucher, Igor Jar-  
emenko, Harold R. Woodhouse, Larry Kugler, Kenneth D. Poore, Raymond V. Navin, R. A. Krava, J. Blakley, R. J. Ewen, Charles J. Kwaczala, Jr., Jimmie D. Gard, Wm. Warren Wright. Fourth Row: Ralph Strauch, George Honczarenko, Roger Kammeyer, Henry E. Styne, Gordon Patterson, Paul D. Moore, Kerns E. Rowe, Gene W. Peotter

The Student Branch of the Institute of Aeronautical Sciences had another busy year at Tech. To accomplish its purpose of promoting professional consciousness and fellowship, as well as enlighten the members of the work being done in the Aeronautical field, many movies were shown, a field trip was made to the NACA Propulsion Laboratory in Cleveland, Ohio, and numerous awards were given including a Lecture Award, and the Outstanding Student Award. The annual banquet topped off the year's activities.

I. A. S. Banquet gathering



I. A. S.

# A. C. S.

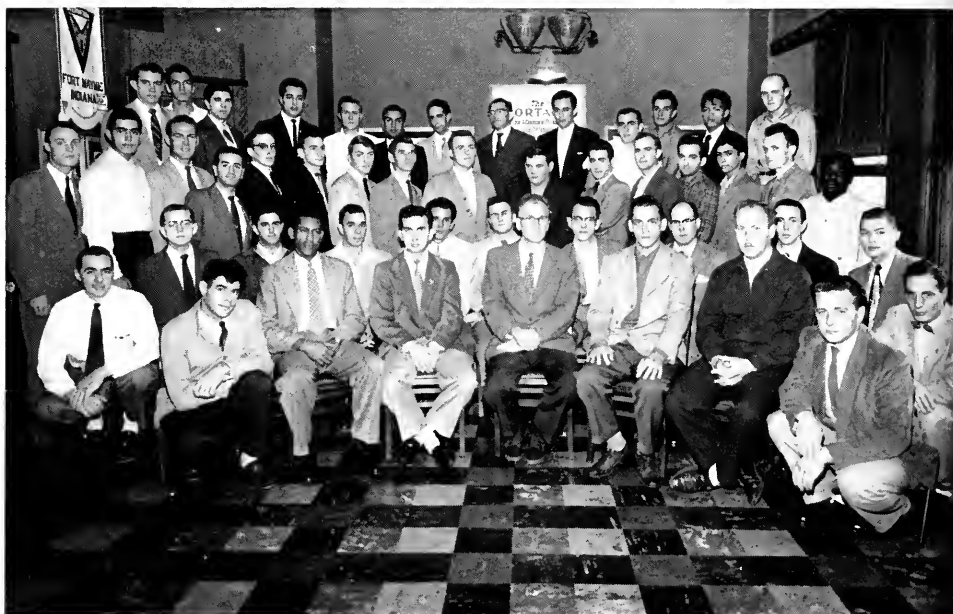
Majors in chemical engineering may affiliate with the American Chemical Society, a national organization of chemists and chemical engineering. The American Chemical Society grants the affiliate certain privileges which help to improve his professional standing as well as his educational background and employment opportunities.



A. C. S. sponsored dance

First Row, seated left to right: Robert Medve, James Clontz, Roy E. Calcagno, Ernest Tan. Second Row: S. D. Satterthwaite, Joseph Cruse, Daniel F. Murphy, Luis H. Guzman, Nabeel A. Handi, Julius E. Early, Charles R. Barth, Garriell R. Marshall, Thaddeus P. Kurek, Robert H. Masson. Third Row: Perry C. Setola, Frank Ruggiero, Clark K. Foster, Larry H. Kirschlef, Richard J. Araish, Oscar Ocampo, Elmer Parlante, John Brobst, Carl J. Jenkins, Clarence Mayonis, Harold Otis, Saul Medrano, Eduardo Mellado





First Row, seated left to right: Philip Belanger, J. B. Alves, Louis M. Iacona, Mr. W. L. Stevenson, Solomon Kramer, James M. Winn, Marilyn F. Stone. Second Row: Donel K. Fisk, Thomas E. Risley, Jean M. Dionne, Daniel E. O'Byrne, J. M. Campo, Guy Belanger, E. V. Tunstall, L. Cramer, D. E. Blodean, E. R. Walker, J. B. Turo. Third Row: W. L. Brock, Samih Saily, Glenn A. Brackney, Nash Kayot, Jesse W. Bunch, Samuel D. Christopher, Jerry Herb, Charles M. Gionet, Vernon E. Sorensen, Charles C. Kalnin, Frank Cirillo, Frank Webster, Turhan Ak, V. M. Shaikh, Anatol Rychalski, Moore T. Padmore. Fourth Row: Robert L. Babbitt, Gregory A. Hyver, K. Khaled Hassan, Nicholas Rivera, Clarence A. Chipman, Talat Farouk, Rafael Pizarro, Leon Cifuentes, Enrique Luna, M. Mohseni, Mehmet Nihal Islam, Richard S. Cortez, George B. Riley

Field trip along nickel plate railroad



Since its inception in 1941, the Association of Civil Engineers, formerly known as the Pyramid Club, has had for its goal the promotion of interest and study in all phases of the field of Civil Engineering. To attain this end, the Association strives to present a varied program to its members through the medium of motion pictures, field trips to local and distant construction projects and lectures by prominent civil engineers, many of whom are Tech. graduates.

One of the highlights of the activities of the past year was a field trip to the Nickel Plate Elevation project, during which the members had an excellent opportunity to learn many of the new innovations in the field of pre-cast and pre-stressed concrete.

Under the able sponsorship of Mr. Ruhl and Mr. Stevenson, the Association rounded out a successful year with the renewed hope of becoming a full-fledged student affiliate of the American Society of Civil Engineers.

A. C. E.

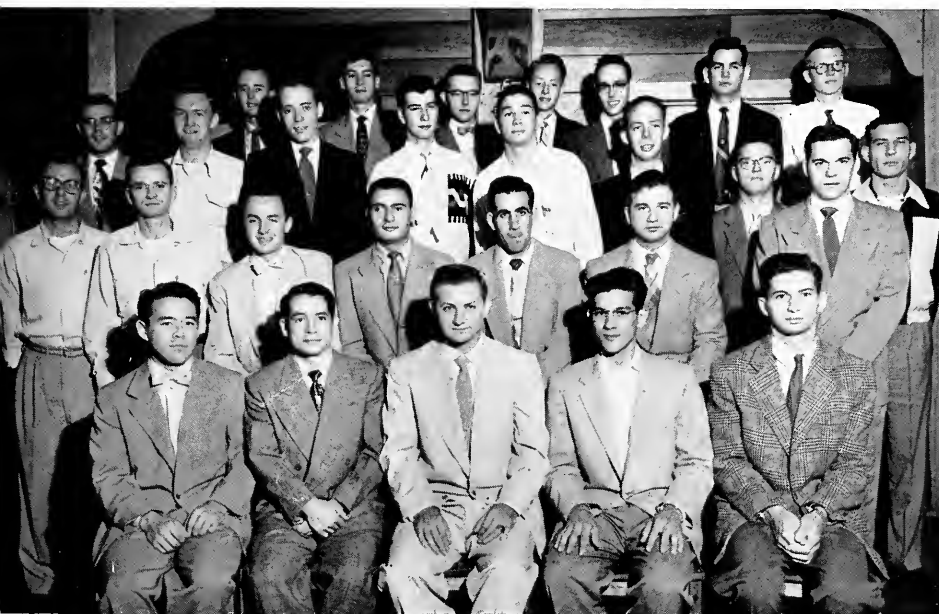
# A. I. E. E.

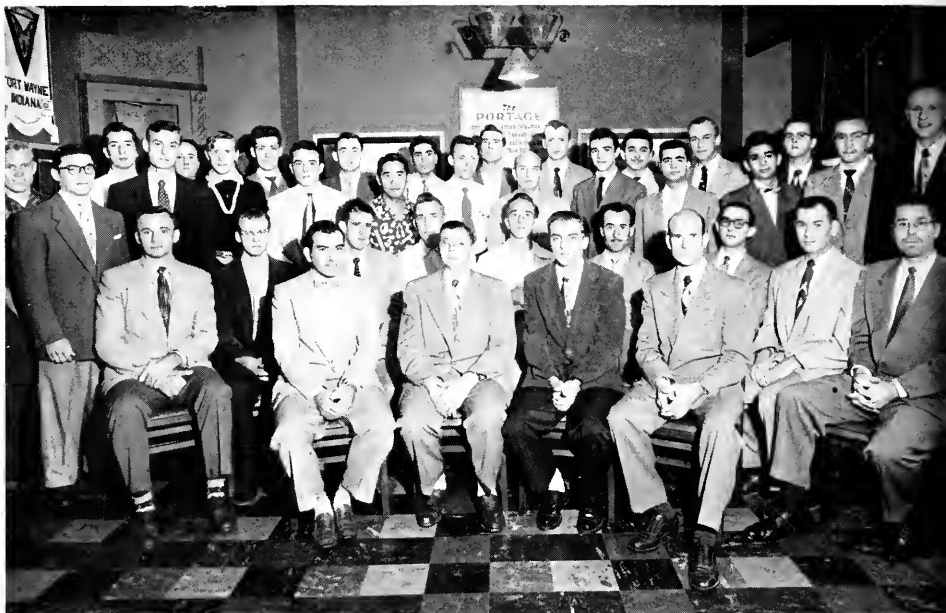
The student affiliate, Fort Wayne Section, AIEE, for Tech students who are members of the Electrical or Radio Departments are eligible for membership.



A. I. E. E. sponsored Blood Donor program at Tech.

First Row, seated left to right: Waterloo Sakakura, J. S. Maiz, A. Hradsky, J. L. Perez, H. Guzek. Second Row: C. H. DeFord, Ted Harkins, John W. Bolam, Nick A. Birbills, Dwight W. Hunter, Edward J. Slaga, T. E. Schrock. Third Row: George E. Myers, Keith Wm. Thompson, Robert B. Stockton, Frank R. Irahan, Joe Marks, Bruce Barclay, Fernand Gagnon, Lloyd H. Pope. Fourth Row: Gerald E. Blackwell, James Winters, Lyle J. Edlin, William G. Denford, Harold E. Lee, Golin M. Holme-Shaw, David A. Stevenson





First Row, seated left to right: Thomas Vlattas, Dr. Ivan Planck, Robert Snyder, Robert Boswell. Second Row: Keith Cosner, Erick Koehling, George Allen, Robert Hosto, Jack Lenser, Shimaron, P. A. Markarian, Ruben Trujillo, Vernis Myer, Durward G. Bradley. Third Row: Bernard Rome, D. W. Breeden, Charles Kyler, James Poyer, Tom Kitano, Wayne Erickson, Norman Connell, Sargon Yonathan, Adnan Halabi, Yusuf Kurial, William J. Schrader, Thaddeus B. Wojcyszynski. Fourth Row: Marvin Clark, Frank Whittington, Charles Dance, George Murray, Duane Eagen, Fred Z. Abdishi, Robert DeNure, Harry Johnston, Theodore J. Kish, Ted Denning, Neal McCollom

The Mechanical Club of Indiana Technical College is an affiliate of the Fort Wayne Branch of the American Society of Mechanical Engineers. The principal purpose of the Mechanical Club is to promote an interest in Mechanical Engineering. The plans of the club include social functions to increase fellowship and field trips to broaden our knowledge of engineering.

First hand advice from Dr. Planck



A. S. M. E.



# K. A. R. C.

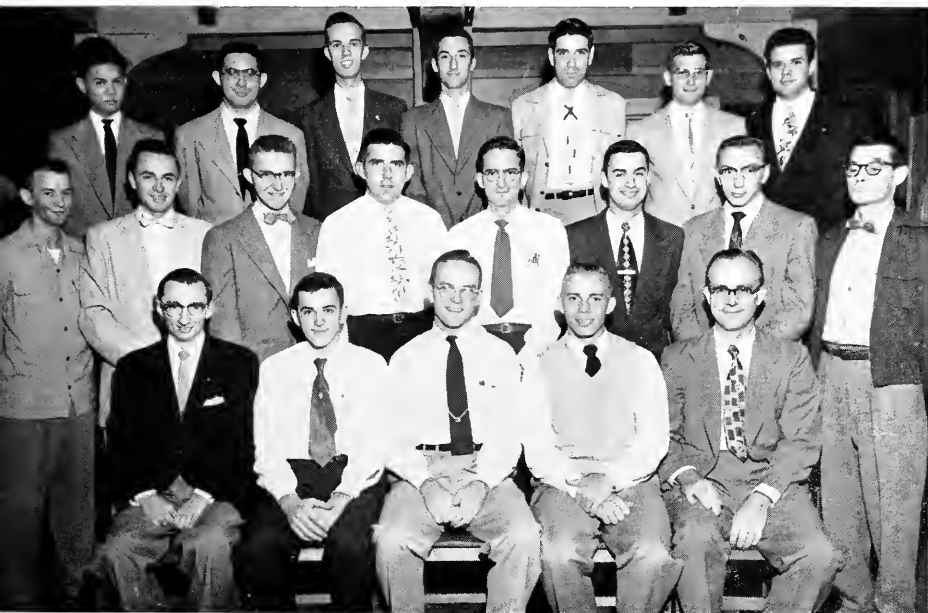
The purpose of Kekionga Amateur Radio Club is to promote amateur radio activities among the students of ITC showing interest in the practical applications of amateur radio communications, and to group these students together. K.A.R.C. is made up of members who are licensed by the Federal Communications Commission.

The club station W9BHR consists of a one kilowatt transmitter, Hq-129-X Hammerlund Receiver, a 220 megacycle transmitter and receiver, and a single-side-band exciter. The station operates on 80, 40, 20, and 10 meter amateur bands with either radio-telegraphy or radio-telephone. The equipment in the station was built by members of the club over the past years and now is operating efficiently.



Radio shack transmitter and crew

First Row, seated left to right: John D. Young, Robert Vitt, David Rayburn, Leslie Parker, Mr. Ralph S. Carson. Second Row: Leuar Burnett, John Bolam, Lyle J. Edlin, Jack A. Dean, Thomas E. Fiscus, Ronald Rockhill, Wm. J. Schrader, Glenn B. McKinney. Third Row: Calvin Wm. Yong, Ken S. Windish, Paul Bellamy, Roland Simon, Maurice R. Smith, Donald McCoy, R. C. McGuire





Front Row, seated left to right: Mr. Ralph S. Carson, David A. Stevenson, Kenneth S. Windish, John D. Young, George W. Ladd. Second Row: John W. Bolam, Russell S. Smith, Verney L. Brown, Carl E. Rumsey, Maurice R. Smith, Harold E. Hunt, Lyle J. Edlin, James Winters, Delbert Didier. Third Row: Jack Shumsky, Karol G. Cibos, Jr., Juozas S. Mikuckis, Hillard Jankowski, Wayne S. Rial, Ted L. Harkins, Eldon L. Teske, Bill Harris, Rein Tedste, James M. Allman, Dwight W. Hunter, Edwin Giszewski, Richard Reynolds

The Student Association of Radio Engineers is comprised of students in the Radio and Electrical Departments at Indiana Technical College interested in the new developments in the field of radio and electronics.

The past year saw a number of interesting and informative events for the

S. A. R. E.

Standing: Mr. Ralph S. Carson, David A. Stevenson, John D. Young, Ken S. Windish, Homer C. Nefzger, George W. Ladd.



# S. A. R. E.

S.A.R.E. including a number of field trips and lectures.

Although the S.A.R.E. is not affiliated with the Institute of Radio Engineers, members of the S.A.R.E. are invited and encouraged to attend the monthly meetings of the Fort Wayne Section of the I.R.E. to hear talks given by men who are specialists in their field.



Club Members at Rest While Awaiting Signals

First Row, seated left to right: Leon Wun, Lloyd G. Sellers, Homer C. Nefzger, Phil E. Alexander, Fernand Gagnon. Second Row: Duane La Forlune, John C. Roger, Jack Garrett, Paul Bellamy, Roy Davis, Roland Simon, Donald Rockhill, Thomas E. Fiscus, Donald Merlino. Third Row: E. M. Akamine, Lavar Burnett, Eustaquio Agbulo, Jose R. Azores, David Rayburn, Clarence L. Chisk, Maurice Ingmire, Charles S. Ida, Jack A. Dean, Thomas Hunkler, Joseph Shecora. Fourth Row: John E. Host, Lloyd E. Cross, Leslie Parker, Robert Vitt, Donald McCoy, Aubrey G. Thomas, Ian N. McLeod, John B. Sheerin, William M. Crouch, Edward L. Leska





First Row, seated left to right: Mr. Richard Derner, Robert Snyder, Archer Page, William Pokorny, Mr. Robert C. Ruhl, Mr. Ralph S. Carson. Second Row: Mr. Joseph Dors, Mr. Howard Macklin, Mr. Harold Baggot, Mr. Waldo Alberts, Mr. Eugene Montoya, Jr.

Iota Tau Kappa was organized to give recognition to superior scholarship. Upon invitation by the President of Indiana Technical College, students having completed four terms (not consecutive) college level with a point average of 3.5 or better for each of four terms, becomes eligible.

New Members of Iota Tau Kappa Left to right front sitting: Gregory Hyver, Roy Calcagno, and Joseph Cruse. Back, standing: Subhas Ghorai, and Glen Zimmerman.



# IOTA TAU KAPPA

# STUDENT COUNCIL

The Student Council is the official organization that represents the entire student body. The Student Council is made up of twenty members along with the Faculty Advisor. Sixteen of the members are regularly elected and serve for two terms. The remaining four members are the class presidents who serve for one term. An election is held at the end of each term at which time eight men are selected to serve.

Candidates for election are chosen by the students at a Departmental meeting held each term.

The main purpose of the Council is the welfare and interest of the student body. Any suggestions or criticism in regard to the student body should be directed to a member of the Student Council. Regular meetings of the Council are open to the students and minutes of the meetings are displayed in the lobby.



Officers and Spring term members

First Row, seated left to right, Harold E. Lee, Roy E. Calcagno, James Cluntz, V. G. Vaden, Norman Connell, Vernis Meyer, Second Row: Frank S. Ruggiero, Ernest fan, Robert Snyder, Solomon Kramer, Duane Eagen, Durward Bradley, James Spittler, Harold V. Coffman, William G. Densford, John B. Wright, Vernon E. Sorensen, Michael J. Dillon, Earle R. Walker, Tom T. Kitano.





First Row, seated left to right: Douglas Maffi-Dodds, Mr. Robert Marshall, John B. Turo, Donald Meagher, Miss Mary Weimer, Marion B. Stults, James Huss. Second Row: Chandrathil K. Matthews, Paul Wilson, Paul D. Hancock, Frank R. Trahan, James K. Spittler, L. R. Wadekamper, S. D. Salterthwaite, Talat Farouk, Huss Sway, Donald L. Rogers

Technician staff members busily composing issue



The Technician Staff writes, sets up, and completes all the functions for publishing the **Technician** newspaper. The higher offices are filled from experienced students who come up from the ranks as reporters.

# TECHNICIAN

# MALE CHORUS

The Male Chorus has taken part in all the outstanding functions of the school as well as providing entertainment for various organizations throughout the city of Fort Wayne. All students are eligible to become members.



Rehearsal time makes perfect

First row, seated left to right: John R. Quigley, Robert Sopher, Mr. Raymond Beights, John G. Mullin, Hugh Wray McCann. Second Row: Don Haddon, Don Temple, Osbeal A. Hanafi, Dwight L. DeWitt, Wm. J. Schrader, Frank R. Trahan. Third Row: Alfred Knoll, Richard Reynolds, Roger Kammeyer, Kerns E. Rowe, Kenneth D. Poore, Albert J. Roy, Gene W. Peotter



# T H E



JOHN B. TURO  
Editor



NEAL McCULLON  
Assistant Editor



MR. MONTOYA  
Advisor

## STAFF

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NEAL McCULLON . . . . . Assistant Editor  
HAROLD HAYES . . . . . Layout Editor  
JACK SHUMSKY . . . . . Photo-Coordinator  
RUSSELL SMITH . . . . . Sports Editor  
VERNON VICE . . . . . Sports Reporter  
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JAMES CRAVEN . . . . . Photographer  
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RONALD ROCKHILL . . . . . Advertising Editor  
JAMES SPITLER . . . . . Publicity Manager  
MR. EUGENE MONTOYA . . . . . Faculty Advisor

The seventh volume of the **KEKION-GAN** comes to you while looking into the future of your life and the world about you. It is the picture-story of the past year at Tech, memories which you will cherish and long remember.

Printed with more color, more true to

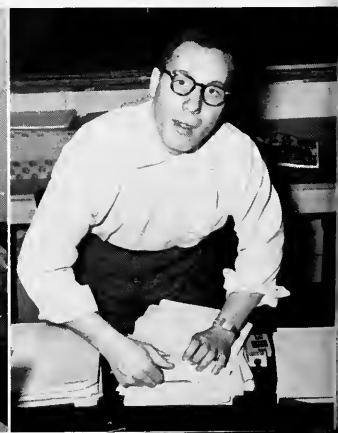
life action, and coverage for everyone, the time and effort necessary to prepare this book will never have been in vain.

Ideas may be good or bad, and opinions may differ, but accepting this year-book wholeheartedly will be our acclaim.

Staff members going through final check off



Editor at work preparing to send in copy to printer





# 1 9 5 5 K E K I O N G A N



Seated, left to right: Neal McCullon, John B. Turo, Mr. Eugene Montoya. Standing: Russel Smith, Harold Hayes, Talot Farouk, Keith Richie.



Seated, left to right: Frank Trahon, James Spittler, Vernon Vice. Standing: Jack Shumsky.



First row, kneeling left to right: Juozas S. Mikuckis, Jack Shumsky, Wm. J. Schrader, Maurice Ingmire, Paul Bellamy, Shimayon P. A. Markarian. Second row, standing: Mr. John Whitney, Mr. Eugene Montoya, W. D. Purdy, Dan Bilodean, Clarence Chizk, T. E. Schrock, J. R. Craven, Bar-Akiva Haim, Robert H. Masson.

Camera Club supply display



The Camera Club originated in the Spring of 1948. The club now has a darkroom equipped with basic apparatus and is expanding rapidly with the addition of new equipment.

# CAMERA CLUB

# HAWAIIAN CLUB

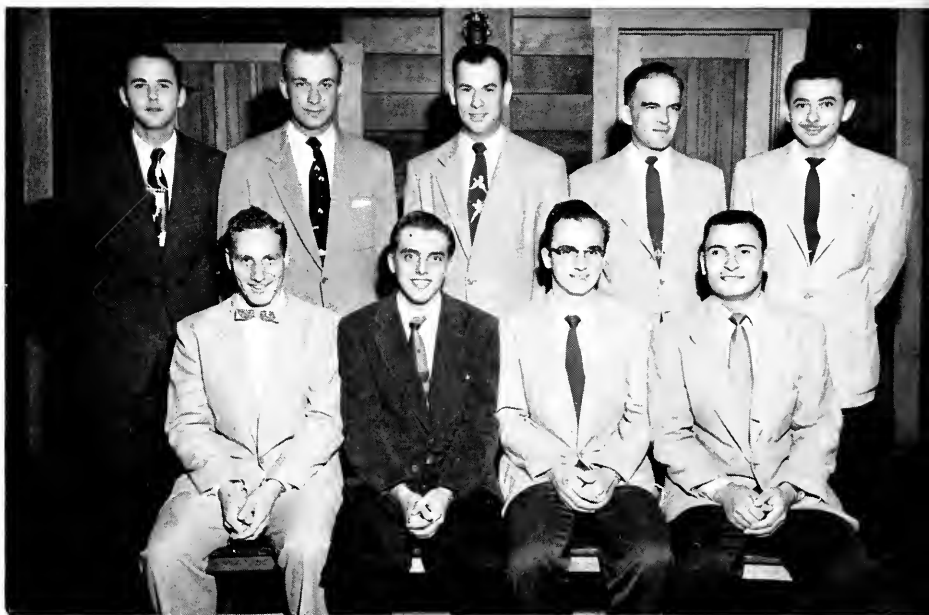
The Hawaiian Club is composed of Indiana Technical College students from the Hawaiian Islands. The primary purpose of the organization is mutual assistance during the course of the member's undergraduate study.



Singing at the Christmas Convocation

First row, kneeling left to right: Walter Murakami, Richard Hayaishi, Herbert Fujii, Aksel Pedersen, Yasutoshi Takushi, Harold Shimizu. Second row, seated: Suel Tanabe, Frederick Tanaka, Mr. A. B. Price, Tom T. Kittano, Edwin Nittani. Third row, standing: Melvin Tamashiro, Euslaquid C. Aobulos, Georgean Takehara, Eugene Nakakura, Charles L. Ida, Akihara Lukumoto, Peter J. Chaug, James Takakura, Paul Tanaka, Earl Agawa, Tom Hironaka, Satoru Takeshita, E. M. Akamine, George Nakasone, Richard Wong.





First row, seated left to right: John B. Turo, Robert D. Snyder, Jimmie D. Gard, Nick A. Birbilis. Second row, standing: N. McCollom, T. Denning, Vernis Meyer, Mr. Joseph Dors, Theodore J. Kish.

The Society of Automotive Engineers is a student branch, affiliated with the National Society of Automotive Engineers, and is sponsored by the Mechanical Engineering Department. Membership is open to all engineering students.

Mr. Joseph Dors lecturing to S. A. E. gathering



S. A. E.

# FLYING CLUB

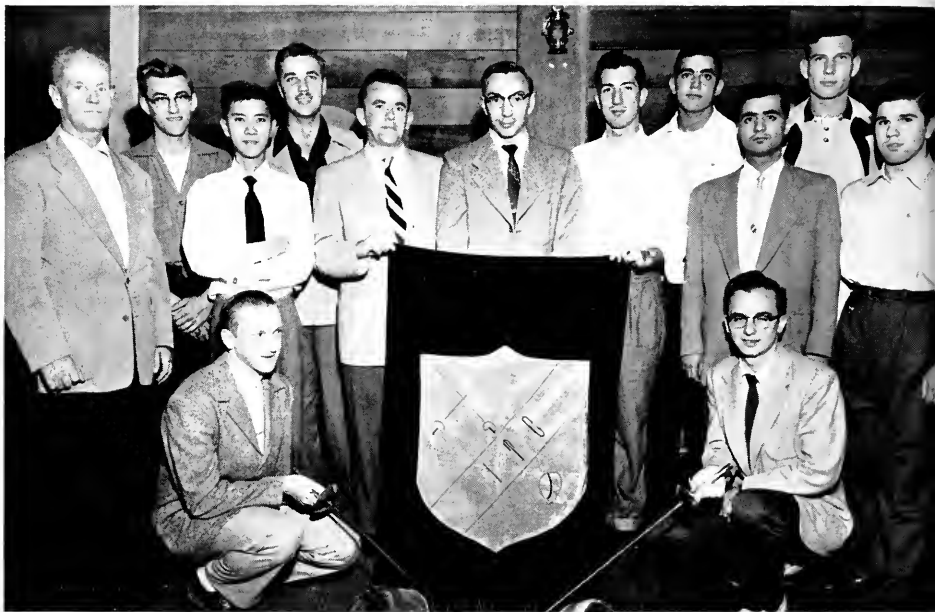
The Flying Club is made up of students of all departments that have a common interest in flying. Students with commercial and instructor's licenses aid their fellow students in obtaining their private pilot's license.



Open house flying saucers about to be circulated, loaded at airport

First row, seated left to right: Richard S. Cortez, Henry E. Styne, Suk Kuy Che, Dwight W. Hunter, Ernest Emmerlon, Borhan Hawatly, Second row, standing: Shmavon P. A. Markarian, George M. Semenik, Nick A. Dirbilis, John W. Bolam, Marilyn F. Stone, Lyle J. Edlin, John Blakley, Alfred R. Rathmell, Norman J. Baker, Charles E. Jackson, Donald Wm. Culp.





First row, kneeling left to right: Noel Leitzman, Jimmie D. Gard. Second row, standing: Henry Instructor. Wahl, Ernest Tan, Igor Jaremenko, Wm. J. Schrader, Frank R. Whittington, Adnan Halab, K. Khaled Hassan. Third row, standing: Norman Jolliff, Luis Hilgert, Samih Saify, Lloyd H. Pope.

Practice to keep your guard up



The purpose of the Fencing Club is to further the interest of fencing. Both novices and advanced students of fencing are invited to join. Regular expert instruction is available and local matches are arranged.

## FENCING CLUB

# RIFLE CLUB

The Indiana Technical College Rifle Team is made up of members of the Rifle Club. During the past season, Ronald Hughes, Robert Leipold, Bruce Barkley, Marvin Clark, Gene Suter, Lars Wernholm, Henry Browning, Solomon Kramer, and Gregory Hyver participated as members of the team.

Through the medium of postal matches, where scores for shooting under similar conditions are exchanged by mail, the Tech Rifle Team competed with teams from the University of Illinois, University of Washington, University of Pennsylvania, University of Cincinnati, Illinois Institute of Technology, Ohio State University, and Indiana University. The Tech team did not score a single victory against this competition; but it must be borne in mind that each of these opponents was a team of R.O.T.C. men who have the best of equipment and mandatory practice.

Members of the Rifle Club also competed in the Allen County Rifle Association and scored two victories in ten matches against the crack rifle clubs of the area.

The Kemp Cannon Award, an annual award to the most valuable member of the Rifle Team, was won this year by Ronald Hughes.



Prone position and sight alignment

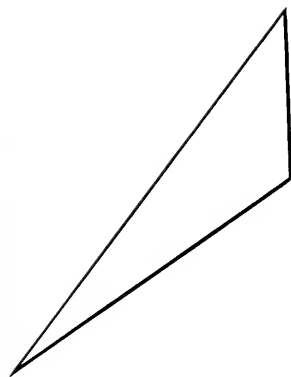
First row, kneeling left to right: Wm. Warren Wright, Henry D. Browning, Nicholas Leal, Jr., James Poyer, Marvin Clark, Suk Kun Che. Standing, second row: Mr. John Whitney, Clarence Chipman, Lars W. Wernholm, William G. Densford, Bob L. Leopold, Robert J. Everitt, Bruce Barclay, Ronald D. Hughes, Harry Johnston, Ted Rowe, Robert L. Morris, Mr. B. L. Kemp.





**BROTHERHOOD  
TO THE  
END**





FRATERNITIES



Top: Beta Chapter house social  
Bottom: Pledge busy cleaning shoes

Alpha Gamma Upsilon Fraternity, Beta Chapter, is part of a national social fraternity composed of men of all races and religions with the ability for mutual trust and loyalty. In an atmosphere of a home away from home, the fraternity provides a setting for the development of a well-rounded personality as well as scholastic growth. Through its many offices and activities the members are encouraged to develop leadership and responsibility so essential to our present day society. Last, but not least, the members leave the college rich in friends and fond memories of college life.

A L P H A  
G A M M A  
U P S I L O N



## First Row:

Moses Acee  
Edward Adams  
Jack Alt  
Robert Babbitt  
Gerald Blackwell

## Second Row:

Frederick Burgett  
Donald Copenhaver  
Richard Crider  
Stephen Csencitz  
Gerald Edwards

## Third Row:

Richard Erickson  
Robert Ewen  
Harold Ford  
Gerome Herb  
Joseph Iacovo

## Fourth Row:

Alan Johnson  
Charles Kwaczala  
Charles Lyle  
John MacKenzie  
Joseph Marks

## Fifth Row:

William Mathews  
Donald Merlino  
William Myers  
Raymond Navin  
George Nenson

## Sixth Row:

Sidney Rasnick  
Richard Reynolds  
Waterloo Sakakura  
Richard Schlund  
Wallace Scott

## Seventh Row:

Jackson Talbott  
Basil Vangeli  
Thomas Valattas  
Dr. Plank  
Faculty moderator  
Mr. Baqqot  
Faculty moderator  
Mr. Dow  
Faculty moderator



Top: X. E. T. Installation group  
Bottom: New Fraternity's first officers

Chi Epsilon Tau (X.E.T.) is a Chemical Engineering Fraternity, organized for the purpose of affiliating with a national Chemical and Chemical Engineering Fraternity.

The object of the Fraternity shall be to instill among its members the idea of fellowship and fraternal brotherhood as well as promote the advancement of the Engineering Profession.

As a fraternity, it shall be our goal to at all times advocate good citizenship and the highest ideals of Christian manhood.

C H I  
E P S I L O N  
T A U

# XET



## First Row:

Richard Araish  
John Brobst  
James Clontz

## Second Row:

Earl Craven  
Joseph Cruse  
Julius Early

## Third Row:

Clark Foster  
Brian Keller  
Larry Krishler

## Fourth Row:

Thaddeus Kruek  
Carrell Marshall  
Robert Mason

## Fifth Row:

Daniel Murphy  
Clarence Nayonis  
Harold Otis

## Sixth Row:

Mike Pfister  
Samuel Satterthwaite  
John Whalen



Ton Brown, Kappa Sigma Kappa's honorary pride member

The Sigma Chapter of Kappa Sigma Kappa was organized at Indiana Technical College in the Fall of 1945. The national fraternity was founded in 1857. Students are eligible for membership after one term of school attendance.

K A P P A  
S I G M A  
K A P P A

# K Σ K



## First Row:

Walter Blake  
John Blakely  
Thomas Brown  
Andy Choma  
Theodore Denning

## Second Row:

Charles Ida  
Gerald Kenealey  
Warren Kenfish  
Robert Kennedy  
George Meyers

## Third Row:

Earl Ogawa  
Elmer Parlante  
Gray Robling  
Albert Roy  
Howard Schultz

## Fourth Row:

Gerald Schumuker  
Lloyd Sellers  
Gordan Simmons  
Joseph Tighe  
Francois Trahan

## Fifth Row:

Donald Weinerwright  
Dave Wilson  
Paul Wilson  
Roy Woolridge  
Joseph Zambido



Top: Old and new members at reunion  
Bottom: Colorful masquerade party

Kappa Sigma Phi Fraternity is founded upon three ideals: fellowship, scholarship, and sportsmanship. Every new pledge must believe in these ideals for acceptance by the fraternity. After one school term, application for membership may be made through a member of the fraternity.

K A P P A  
S I G M A  
P H I



# K Σ Φ



## First Row:

Kenwork Agop  
George Allen  
Arvid Anderson  
Daniel Barry  
Robert Bass

## Second Row:

Gene Bednar  
Ronald Burton  
Alex Demeter  
Larry Dranchak  
Donald Drung

## Third Row:

Ronald Fulster  
Anthony Gomes  
Adnan Halabi  
Khaleo Hassen  
Robert Higgins

## Fourth Row:

Emin Holley  
Colin Holme-Chaw  
Albert Hradsky  
Louis Iacona  
Igor Jaremenko

## Fifth Row:

Donald McCoy  
John Meanor  
Charles Murphy  
Frederick Nowotarski  
Joseph Oddo

## Sixth Row:

Edward Oudt  
William Patterson  
Silvia Patti  
Bernard Rome  
Smith Saify

## Seventh Row:

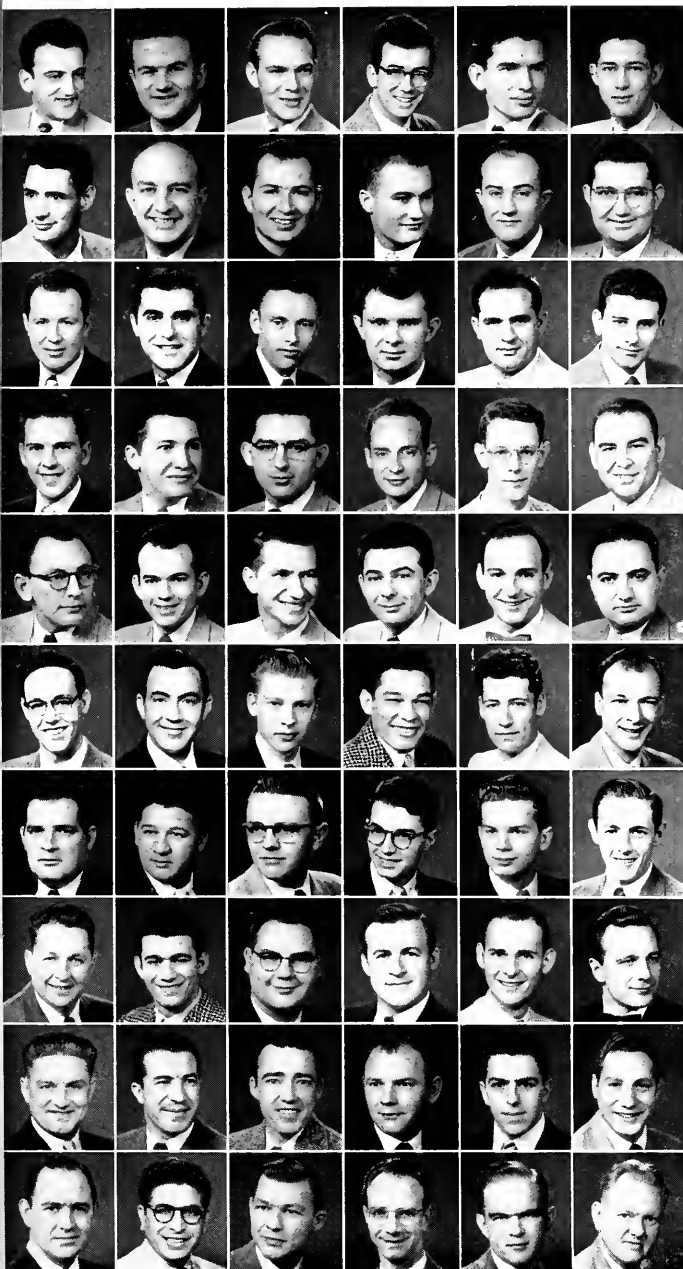
Thomas Sauve  
Donald Scher  
Karl Schwartz  
Rein Teoste  
Bernard Zegaroski  
Mr. Marshall



Top: Food informal style at Eastern  
Council convention here  
Bottom: Music added to the tempo

Sigma Phi Delta is an International Social Professional Fraternity of Engineers. It has as its object: the promotion of the advancement of the Engineering Profession; the fostering of the advancement of Engineering Education; the instilling of a greater spirit of cooperation among Engineering students and organizations; the inculcation in its members of the highest ideals of Christian manhood; good citizenship; obedience to law, and brotherhood; and the encouragement of excellence in scholarship.

S I G M A  
P H I  
D E L T A

**First Row:**

Steven Adams  
Guy Belanger  
Glen Brackney  
Roy Calcano  
Ralph Case  
Carlton Coen

**Second Row:**

Harold Coffman  
Norman Connell  
Jack Conway  
David Craven  
James Craven  
William Crouch

**Third Row:**

Donald Daddow  
Michael Dillon  
Wayne Erickson  
Joseph Fallon  
Carmelo Ferrario  
Richard Filarsky

**Fourth Row:**

Eugene File  
William Hambrook  
Paul Hancock  
Harold Hayes  
Bernard Heyl  
Ronald Hughes

**Fifth Row:**

Walter Jankowski  
William Jones  
Warren Keller  
Theodore Kish  
Clifton Kramer  
George Lashinsky

**Sixth Row:**

Harold Lee  
Patric Marron  
Donald Meagher  
Edwardo Melloda  
George Murray  
Robert McMaken

**Seventh Row:**

Paul Norman  
Joe Perez  
Harry Peterson  
Maurice Poling  
Dean Purdy  
Francis Robbins

**Eighth Row:**

Donald Rogers  
Frank Ruigqiero  
Richard Schroeder  
Vernon Sorensen  
James Spitzer  
Marlyn Stone

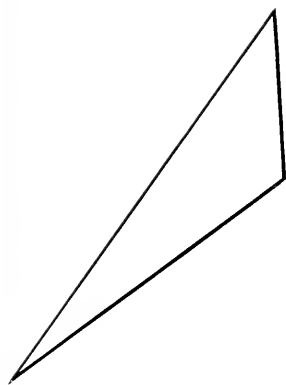
**Ninth Row:**

Marion Stults  
Huss Sway  
Carl Thompson  
Leonard Tonn  
Edwin Turansky  
John Turo

**Tenth Row:**

V. G. Vaden  
Arnold Valencia  
Earle Walker  
John Wright  
Mr. Dors  
Mr. Melton





ATHLETICS

# B A S K E T B A L L

Where's the ball?



COACH MURRY MENDENHALL

The 1954-55 season was the most successful in the history of basketball at Indiana Technical College. The frequency of winning and improvement of attendance at the games testified to the success. Never before has a Tech team shown a record even close to the 13 won-6 loss record turned in by this team.

Coach Murray Mendenhall summed it up when he

# A T I N D I A N A T E C H

said, "We have some good boys this year. The team is balanced, and they play as a team."

No opponent was able to beat the Tech Warriors more than once during the season. Tech, however, defeated two of its rivals twice during the season: Tri-State and Concordia. The Warriors had two winning streaks; the first was four in a row, and the second was six in a row.

Next year holds promise of another good season, as all the regulars of this season's team should be returning and playing together once again.

Kneeling, left to right: Phil Gustin, Max Baumgardner, Boyd Byerly, Keith Mendenhall. Second row: Dale Graft, Grayston Witmer, James Keyes, Thomas Gillie, Donald Rudolph, Donald Bode, Samuel Lewis.



# OUR SCHEDULE AND ALSO

## THE SEASON'S SCORES

Date	Their score	Opponent	Our score
Nov. 20 . . . . .	97	Anderson . . . . .	83
Dec. 1 . . . . .	65	*Earlham . . . . .	94
Dec. 4 . . . . .	75	Taylor . . . . .	83
Dec. 7 . . . . .	93	Defiance . . . . .	88
Dec. 9 . . . . .	54	*Tri-State . . . . .	73
Dec. 14 . . . . .	76	*Franklin . . . . .	81
Dec. 29 . . . . .	72	Oakland City . . . . .	81
Dec. 30 . . . . .	81	Vincennes . . . . .	89
Jan. 7 . . . . .	76	*Oakland City . . . . .	73
Jan. 8 . . . . .	55	Concordia . . . . .	82
Jan. 15 . . . . .	86	*Vincennes . . . . .	81
Jan. 20 . . . . .	79	*Defiance . . . . .	82
Jan. 22 . . . . .	82	Huntington . . . . .	90
Jan. 27 . . . . .	85	*Anderson . . . . .	92
Feb. 4 . . . . .	66	*Bluffton . . . . .	111
Feb. 8 . . . . .	87	Tri-State . . . . .	89
Feb. 11 . . . . .	60	*Concordia . . . . .	77
Feb. 15 . . . . .	87	*Huntington . . . . .	85
Feb. 19 . . . . .	83	*Manchester . . . . .	70
	1459	Totals	1604

\*Home games

## INDIVIDUAL SCORING

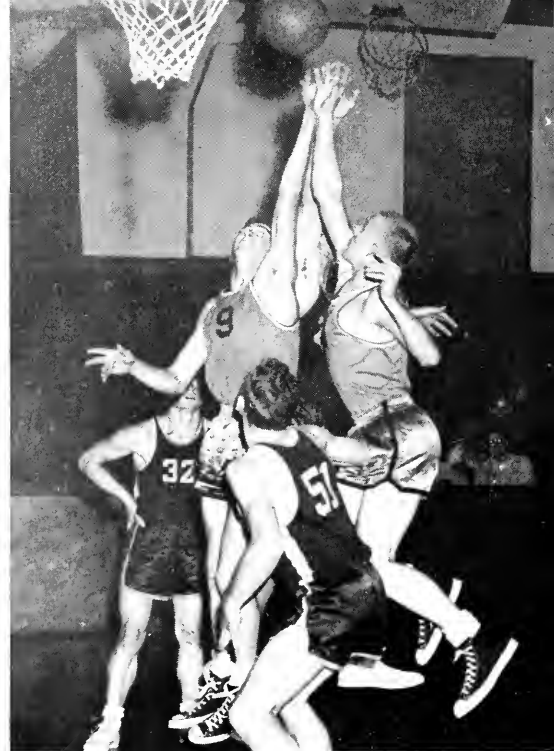
Player	Field goals	Free Scored	Throws Missed	Fouls	Total Points
Bode . . . . .	118	46	50	61	282
Byerly . . . . .	76	62	31	47	214
Lewis . . . . .	87	32	18	61	206
Baumgardner . . . . .	69	65	31	57	203
Graft . . . . .	64	41	36	48	169
Rudolph . . . . .	58	37	14	39	153
Gillie . . . . .	51	49	29	63	151
Mendenhall . . . . .	43	43	45	51	129
Keyes . . . . .	27	10	4	27	64
Witmer . . . . .	6	3	0	6	15
Carnes . . . . .	4	2	0	2	10
Powell . . . . .	2	0	0	1	4
Fryler . . . . .	1	1	1	1	3
Van Meter . . . . .	0	1	0	0	1
Gustin . . . . .	0	0	2	1	0
Totals . . . . .	606	392	261	465	1604





# SCOREBOARD

Jump up



Graft and Bode go high for rebound under Tech basket during Franklin game.

DALE GRAFT

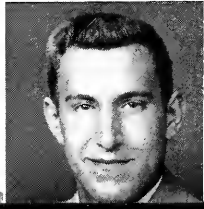
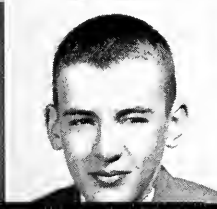
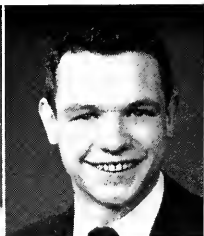
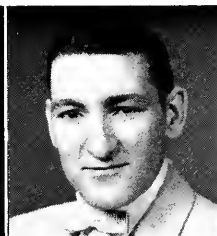
MAX BAUMGARDNER

BOYD BYERLY

TOM GILLIE

CARL BODE

DON RUDOLF





The Bulging Boiler

# THE BATTLE OF THE

Opening Jump up



The Bulging Boiler, presented by Dr. Planck in 1949, has been symbolic of the basketball rivalry between Tri-State College and Tech. By winning the 1949 game, Tech had possession of the Boiler for one year, after which Tri-State took it to Angola and retained possession for four years.



Will it come through?

# B U L G I N G   B O I L E R

The battle for the Bulging Boiler this year took place at Angola on February 8th. After playing on even terms the first half, the Warriors fell behind 11 points in the third quarter before rallying to tie the score at 83-83 at the end of regulation time.

The excitement was climaxed when in overtime the Warriors scored six consecutive points and held Tri-State to four points the remaining minutes to win 89 to 87 and bring the Boiler back home.

Coach Mendenhall Receives the Boiler



# G O L F

Tech's golf team was well-represented during the '55 season under the coaching of Prof. Ben Dow. The only match lost was the first one of the season to Taylor University on their home course at Upland, Indiana. The return match, however, resulted in a victory for the Tech swingers. Competition was keen for the first five po-

sitions on the team. The number one position was filled by Dick Crider who also did a fine job as team captain. Dick will be back for another season next year as well as Howard Hall, Clyde Johnson, Bob Wright, Pete Chang, and Bill Crouch. V. G. Vaden did a fine job in playing number two position, and his graduation will be a big loss to the team.

Dick Crider, Captain



V. G. Vaden, No. 2 Man



## SUMMARY OF MATCHES

TECH . . . . .	5;	Taylor . . . . .	7
Tech . . . . .	24;	Concordia . . . . .	6
Tech . . . . .	21;	Tri-State . . . . .	9
Tech . . . . .	20;	Taylor . . . . .	10
Tech . . . . .	12;	Tri-State . . . . .	12
Tech . . . . .	24;	Concordia . . . . .	6
Total . . . . .	106;	Total . . . . .	50

## INDIVIDUAL SCORING

	Crider	Vaden	Johnson	Hall	Chang	Crouch	Wright
Taylor . . . . .	96	94	93	96			
Concordia . . . . .	83		93	93	98	104	93
Tri-State . . . . .	94	95	93	100			90
Taylor . . . . .	83	90	90	94			93
Tri-State . . . . .	90	94	97				
Concordia . . . . .	87	90	83	94	91		

Front kneeling: Donald Berger,  
Richard Crider, V. G. Vaden.  
Standing: Robert Wright, Peter  
Chang, Howard Hall, Clyde  
Johnson, Mr. Ben Dow, Advisor.



# B A S E B A L L

Seasholtz drives to left



COACH MENDENHALL



The Tech baseball team this year turned in a record of more wins than losses—the first this has been done for several seasons. Some timely hitting and good clutch pitching were responsible for the team's success. The Defiance College team was the only one which could defeat the Warriors twice.

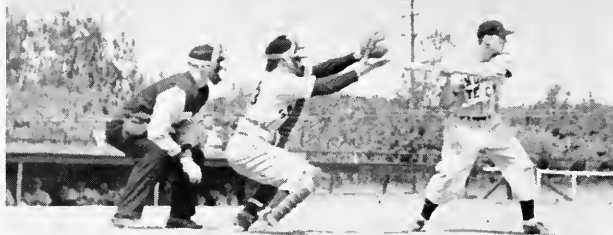
# A T I N D I A N A T E C H

## SEASON'S SCHEDULE

Date	Tech score	Opponent	Opp. score
April 6 . . . . .	7;	Huntington . . . . .	8
April 16 . . . . .	1;	Manchester . . . . .	17
April 23 . . . . .	4;	Tri-State* . . . . .	1
April 28 . . . . .	1;	Anderson . . . . .	5
April 29 . . . . .	6;	Defiance . . . . .	8
April 30 . . . . .	7;	Huntington* . . . . .	5
May 2 . . . . .	9;	Franklin* . . . . .	8
May 12 . . . . .	4;	Defiance* . . . . .	12
May 14 . . . . .	1;	Manchester* . . . . .	0
May 14 . . . . .	3;	Manchester* . . . . .	2
May 17 . . . . .	6;	Anderson* . . . . .	4

Left to right, front row: Dave Craven, Marilyn Stone, Clarence Nayonis, Wayne Roehrig, Tom Gillette, Bob Even, Warren Keller, Max Baumgardner. Second row: John Host, Bob Hornyak, Keith Thompson, Ted Kurek, Bob Davidson, Gerald Blackwell. Back row, standing: Coach Mendenhall, Dave Seasholtz, Jack MacKenzie, Jim Winters, Allen Jackson, Carl Bode.





Waiting for the pitch

### PITCHING RECORDS

Name	G	IP	SO	BB	W	L	Avg.
Keller . . . . .	5	20	11	9	2	1	.666
Winters . . . . .	3	20	12	13	2	1	.666
Bode . . . . .	6	33	26	33	2	2	.500
Hornyak . . . . .	3	7	2	5	0	0	.000
Blackwell . . . . .	1	2	1	1	0	0	.000
Kurek . . . . .	1	1	0	2	0	0	.000
Jackson . . . . .	2	9	7	9	0	1	.000

### INDIVIDUAL BATTING RECORDS

Name	G	AB	R	H	RBI	Avg.
Ewen . . . . .	9	33	6	15	12	.434
Davidson . . . . .	3	8	2	3	0	.375
Keller . . . . .	10	28	4	9	5	.321
Nayonis . . . . .	10	22	2	7	3	.318
Blackwell . . . . .	10	35	7	9	0	.250
Bode . . . . .	9	25	6	6	3	.240
Baumgardner . . . . .	8	27	8	6	2	.222
Gillie . . . . .	10	30	3	5	3	.166
Hornyak . . . . .	7	6	2	1	0	.166
McKenzie . . . . .	10	33	5	5	5	.151
Stone . . . . .	8	14	0	2	0	.147
Jackson . . . . .	5	7	0	1	0	.147
Seasholtz . . . . .	5	7	2	1	0	.147
Winters . . . . .	3	7	0	1	1	.147
Roahrig . . . . .	7	22	1	2	5	.091
Craven . . . . .	7	15	1	1	1	.066
Host . . . . .	3	5	0	0	0	.000
Kurek . . . . .	2	5	0	0	0	.000
Thompson . . . . .	2	2	0	0	0	.000
Rudolph . . . . .	1	1	0	0	0	.000
Yelamo . . . . .	1	1	0	0	0	.000



## EVENTS OF THE SEASON



Nayonis cuts



Keller fires

Field Action



Nayonis in time at first





Left to right, front row: Lloyd Wadekamper; Richard Lung, Roy Wooldridge. Back row: Steve Csencsitz, Al Freyler, Gene Peotter, Dave Seasholtz.

## I N T R A M U R A L

Over eighty students participated in the intramural basketball program directed by Mr. Baggott. Each department of the college was represented by a team in the season's play.

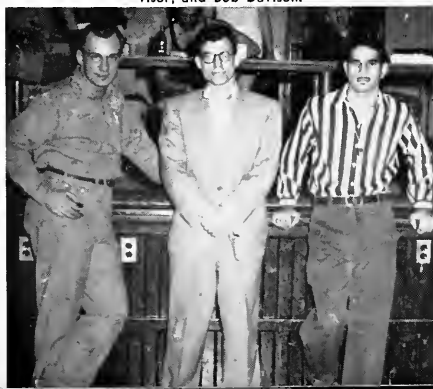
The Electrical Department team won the first half of the league schedule and were undefeated in so doing. The Aeronautical Department team duplicated this feat to win the second half as the Electricals lost only one game—that, of course, to the Aeros.

In the play-off game for the school championship, the Aero team convincingly defeated the Electrical team by a score of 34 to 21.

Seasholtz blocks & fouls



Intramural Officials: Ted Denning, Mr. Harold Baggott, Advisor; and Bob Davison.



Left to right, front row: Francis Trahon, Bob Casey, Elwood Laakso, Jack Weyler. Back row: Howard Davis, Paul Hershey, Bob Malchow, Dick Filarsky.



# B A S K E T B A L L

## SEASON'S RESULTS

First Half	W	L	Second Half	W	L
Electrical . . . . .	5	0	Aero . . . . .	5	0
Civil . . . . .	3	2	Electrical . . . . .	4	1
Mechanical . . . . .	3	2	Radio . . . . .	3	2
Aero . . . . .	2	3	*Chemical . . . . .	1	3
Radio . . . . .	2	3	Mechanical . . . . .	1	4
Chemical . . . . .	0	5	*Civil . . . . .	0	4

(\*Did not play final scheduled game by mutual agreement)

Vice all alone



Freyler reaches



# B O W L I N G

The Bowling Club during the past year sponsored a 14-team, American Bowling Congress sanctioned, league. This is the largest number of teams the league has had since bowling became an intramural sport at Tech.

Kappa Sigma Phi team won the first half championship, and Radio team won the second half championship. With an overwhelming score of 2792 to 2516, including handicap, Kappa Sigma Phi won the school championship.

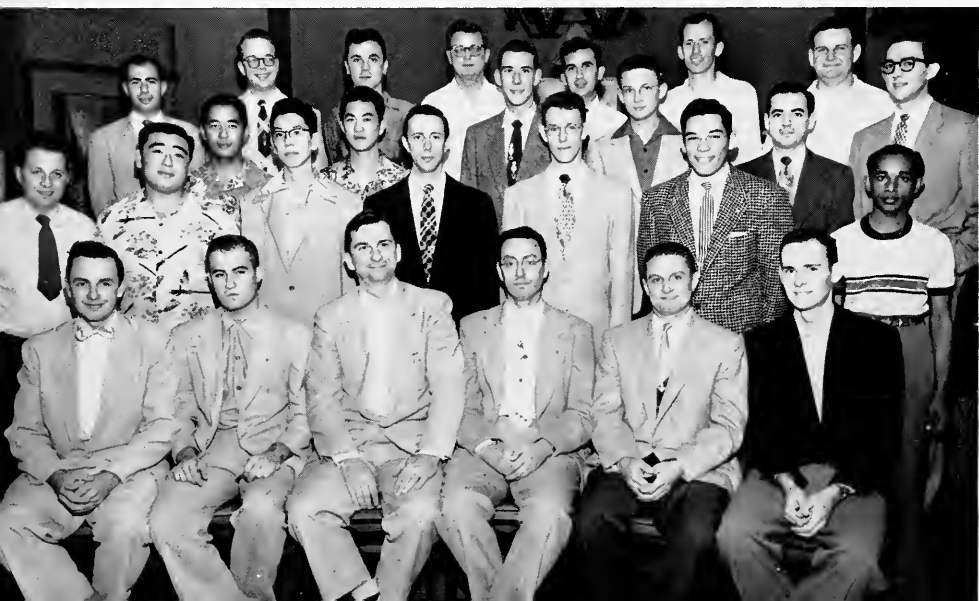
At the end of season party, the following awards were made:

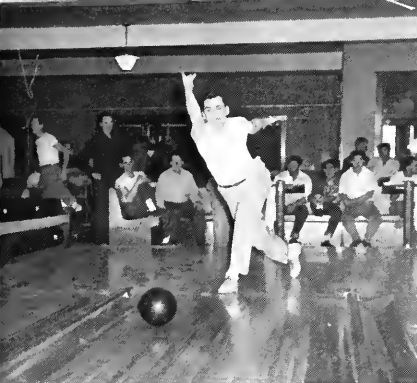
Members of the winning team received the school intramural award, A. B. C. championship award, and club trophies.

First, second, and third high average trophies to James Craven, David Craven, and Edward Klodzen, respectively.

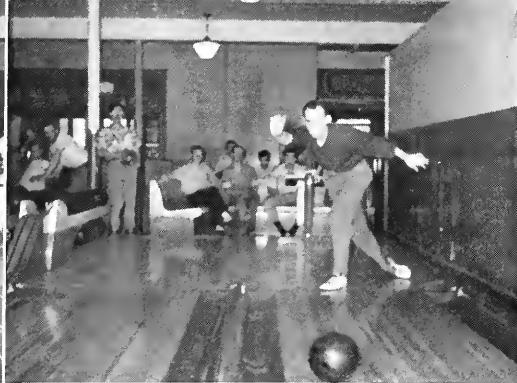
First, second, and third high triple awards to Mr. Joseph Dors, Robert Nishida, and Robert Masson, respectively.

First row, seated left to right: John W. Bolam, David E. Craven, Russell S. Smith, Mr. Robert R. Marshall, Marion B. Stults, James K. Spittler. Second row, standing: Donald Rogers, Earl Ogawa, James Takakura, Dan Bilodeau, Bernard E. Heyl, Eduardo A. Mellado, C. K. Mathew. Third row, standing: Tom Kitano, Yasutoshi Takushi, Carrel R. Marshall, Wayne Hogg, Enrique J. Padilla, Ruben Trujillo. Fourth row, standing: Jack Shumsky, Robert H. Masson, Charles S. Szili, D. R. Drung, L. M. Iacona, F. J. Klodeen, James H. Torbett.





Russell Smith and WHAT FORM



Most Improved Bowler, James Spitler

First, second, and third high single game trophies to Charles Szili, Robert Borne, and Robert Nishida, respectively.

Most strikes trophy to James Craven.

Most spares trophy to Richard Mann.

Most splits made trophy to Edward Klodzen and Marion Stults, tied.

Most splits award to James Takakura.

Most gutter balls trophy to Earl Ogawa; second consecutive year!

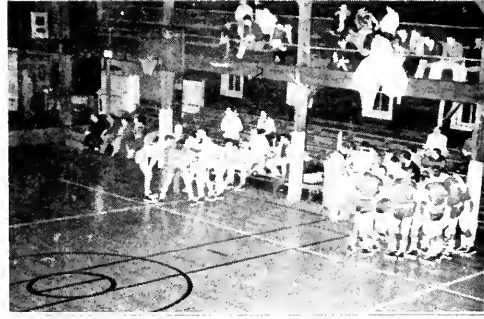
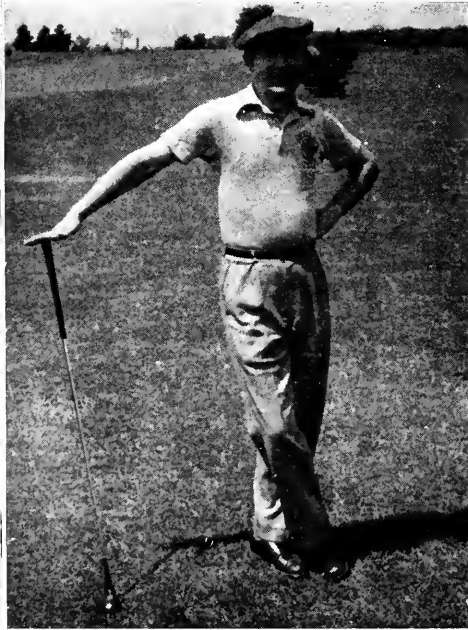
Most improved bowler, A. B. C. Achievement Award, to James Spitler.

Past-Presidents' (of Bowling Club) Sportsmanship Trophy to Joseph Cruse.

Perfect attendance awards to Joseph Cruse, Joseph Oddo, Richard Mann, Mr. Joseph Dors, Robert Nishida, Earl Ogawa, William Tummey, James Craven, Willard Cunningham, Walter Jankowski, Orville Kyler, and Marion Stults.



Kappa Sigma Phi Championship team, l-r, Louis Iocana, Charles Szili, Orville Kyler, Capt., & Paul Gardwine. Not pictured, William Tummey.



# Sports

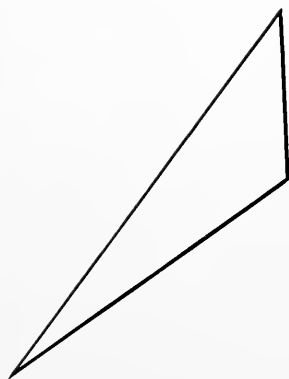












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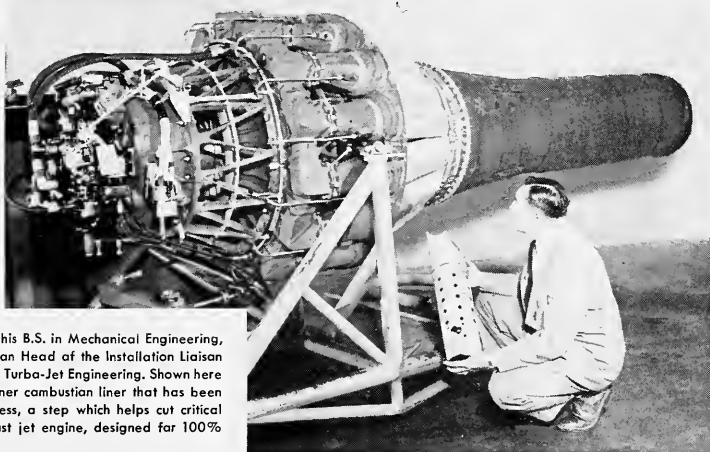


# ALLISON

## Engineers Pioneer

# MISSILE

## Power Plant Development



W. S. "Gus" Braffitt, who received his B.S. in Mechanical Engineering, U. of Kentucky in 1938, is now Section Head of the Installation Liaison and Engineering group of the Allison Turba-Jet Engineering. Shown here by a J33-A-37, he is holding an inner combustion liner that has been through the aluminum dipping process, a step which helps cut critical materials in this high speed, low cost jet engine, designed for 100% reliability.

● The Allison jet powered USAF B-61 Martin Matador is the country's first operational ground-to-ground pilotless bomber. And, it's the first such missile to be sent overseas for duty.

The B-61 engine—an Allison J33-A-37—is based on the proven Allison centrifugal flow engine. This engine has accumulated more than  $2\frac{1}{2}$  million hours of flight in such aircraft as the Lockheed F-80 Shooting Star, the T-33 Trainer, F-94 Night Fighter, and in the Grumman F9F Panthers and the Cougars!

In 1950, Allison undertook the project of engineering and developing a 5-hour, low-cost, expendable jet engine for the Glenn L. Martin Co. which was under contract with the Air Force. The missile assignment made it necessary for Allison to design a J33 model—incorporating reduced material, manufacturing and testing costs—and still maintain a 100% reliability.

The concentrated efforts of Allison engineers resulted in an 85% reduction of critical materials in missile engines in comparison with the similar centrifugal flow engines built for piloted aircraft.

An aluminum dipping process, developed by Allison engineers—in cooperation with General Motors Research—helped materially in reduction of critical materials. This process was used on inner combustion liners and permits using a low alloy steel in place of highly critical material. The aluminum dipping process affords corrosion protection, and still enables the liners to withstand high combustion temperatures. First to use aluminum dipping equipment on large parts, Allison now uses the process on turbine engines scheduled for piloted aircraft.

The missile power plant project is another example of the variety of problems handled by Allison engineering. Because Allison is continually doing pioneer work in advanced engineering developments, we need more technically trained men, especially young graduate engineers. Want to know more about your engineering future at Allison? Write now for information:

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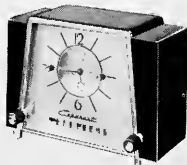
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"And you know what? It could only happen here. Yes, free, fine education is part of the good ole U.S.A.

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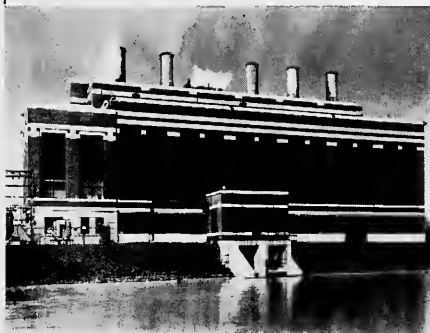
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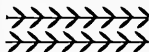
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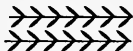


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 Brickhard, Jack L., 1948 . . . . . Ohio  
 Brewer, Roger P., 1942 . . . . . Ohio  
 Burton, Robert O., 1943 . . . . . Washington  
 Cancler, Leonard, 1945 . . . . . New York  
 Ceccarelli, John F., 1942 . . . . . Pennsylvania  
 Chappel, Robert R., 1950 . . . . . Michigan  
 Cosner, Norman D., 1942 . . . . . New York  
 Forrest, C. L., 1943 . . . . . California  
 Goulet, Jean L., 1949 . . . . . Pennsylvania  
 Greenawalt, James W., 1950 . . . . . New Jersey  
 Greeneberg, George S., 1950 . . . . . Ohio  
 Hampshire, William J., 1947 . . . . . Ohio  
 Hazard, William S., 1942 . . . . . California  
 Kiracofe, Joseph F., 1938 . . . . . New York  
 Krasienko, Henry, 1936 . . . . . Connecticut  
 Krout, Elwood J., 1954 . . . . . New York  
 Nierenberg, Byron, 1938 . . . . . California  
 Rice, George F., 1937 . . . . . New York  
 Wadington, Wayne R., 1947 . . . . . Indiana  
 Weaver, Donald E., 1954 . . . . . Pennsylvania  
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 Arndt, Delbert L., 1951 . . . . . Indiana  
 Ashton, Howard E., 1940 . . . . . ????  
 Constantin, Babu L., 1954 . . . . . Indiana  
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 Blessing, James G., 1949 . . . . . Ohio  
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 Diamond, Louis J., 1943 . . . . . Massachusetts  
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 Dowling, Lt. T. P., 1951 . . . . . U. S. Army  
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 Eryearor, Grant C., 1950 . . . . . California  
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 Hicks, Thomas A., 1950 . . . . . Missouri  
 Hirozawa, Minoru, 1948 . . . . . Hawaii  
 Hoetzer, E. M., 1934 . . . . . Indiana  
 Jagemann, Walter W., 1952 . . . . . New York  
 Johnis, Paul, 1951 . . . . . Massachusetts  
 Johnston, W. M., 1952 . . . . . Minnesota  
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 Lapham, H. Dale, 1949 . . . . . Iowa  
 Larson, Edward W., Jr., 1943 . . . . . California  
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 McSherry, Jack L., Jr., 1952 . . . . . Pennsylvania  
 Mitton, Walter P., 1952 . . . . . Wisconsin  
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 Nichols, L. C., 1949 . . . . . Tennessee  
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Pouison, William A., 1941 . . . . . Ohio  
 Powers, Raymond J., 1951 . . . . . California  
 Ridgway, Edward W., 1950 . . . . . Pennsylvania  
 Ruest, Lucien J., 1948 . . . . . Michigan  
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 Sinemus, Herman A., 1948 . . . . . Indiana  
 Singer, J. Robert, 1949 . . . . . Ohio  
 Stamos, James C., 1947 . . . . . Connecticut  
 Sturat, Joseph Eli, 1934 . . . . . Pennsylvania  
 Taylor, Glen M., 1954 . . . . . Ohio  
 Toews, Henry J., 1939 . . . . . Pennsylvania  
 Tryon, Phillip, 1954 . . . . . New Mexico  
 Vanderlyn, Robert D., 1951 . . . . . Maryland  
 Wanzie, Albert F., 1940 . . . . . Pennsylvania  
 Watanabe, Masao, 1954 . . . . . Hawaii  
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 Yamada, James S., 1950 . . . . . Hawaii

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 Gauggino, Reginald V., 1952 . . . . . Ohio  
 Gallenry, Joseph J., 1947 . . . . . Canada  
 Haskins, James B., 1948 . . . . . Saudi Arabia  
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 Koes, Richard A., 1950 . . . . . Indiana  
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 Rehme, Elmer W., 1934 . . . . . Ohio  
 Thomas, Gabriel S., 1954 . . . . . Syria  
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 Wood, William C., 1949 . . . . . New York  
 Yep, William, 1942 . . . . . New York

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Althouse, Charles F., 1942 (also BSRE) . . . . . California  
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 Barton, Joseph F., 1951 . . . . . Pennsylvania  
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 Hall, W. Donald, 1949 (also BSRE) . . . . . Virginia  
 Hanuschak, Michael, 1938 . . . . . Ohio  
 Hart, Eugene, 1951 . . . . . Kansas  
 Hermosillo, Alfredo, 1946 . . . . . California  
 Hickey, James B., 1950 . . . . . New York  
 Hiroaka, Fred A., 1946 (also BSRE) . . . . . Iowa  
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 Klein, Eugene W., 1949 . . . . . Ohio  
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 Landan, Robert M., 1943 . . . . . Washington, D. C.  
 Lastanskas, Daniel A., 1951 . . . . . ????  
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Parks, K. B., 1940 . . . . . New Jersey  
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 Robinson, William P., Jr., 1939 . . . . . Pennsylvania  
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 Stoner, Virgil R., 1949 . . . . . Indiana  
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Antico, John P., 1949 . . . . . Pennsylvania  
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 Dillard, Don L., 1952 . . . . . Mississippi  
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 Ellis, Charles M., 1951 . . . . . Indiana  
 Erbe, C. J., 1949 . . . . . Indiana  
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 Manca, E. John, 1951 . . . . . Connecticut  
 Manrow, Jack F., 1948 . . . . . Michigan  
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Phillips, Richard L., 1948 . . . . . Indiana  
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 Sherman, W. E., 1949 . . . . . Texas  
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 Sipos, Theodore S., 1949 . . . . . Canada  
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 Weller, Edward J., 1950 . . . . . Colombia, S. A.  
 Westbrook, Adrian J., 1943 . . . . . Ohio  
 Valley, Richard E., 1950 . . . . . Wisconsin  
 Zoltani, Charles L., 1949 . . . . . Pennsylvania

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Bigelow, J. Forrest, 1945 . . . . . Illinois  
 Birdsong, Lewis F., 1952 . . . . . Texas  
 Chen, Wu, 1954 . . . . . China  
 Childers, Frank M., 1949 . . . . . Florida  
 Fensler, William E., 1941 . . . . . Ohio  
 Fletcher, William B., 1938 . . . . . New Jersey  
 Friend, J. L., 1949 . . . . . California  
 Gau, Leonard P., 1953 . . . . . Michigan  
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 Hopper, Raymond H., 1949 . . . . . Tennessee  
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 Konishi, Masao, 1950 . . . . . Illinois  
 Larson, Grant W., 1949 . . . . . Minnesota  
 Lee, Murrel D., 1949 . . . . . North Carolina  
 Liberatore, Donato F., 1948 . . . . . New York  
 Lima, E. J. T., 1948 . . . . . Indiana  
 McCullough, Joseph H., 1953 . . . . . New York  
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 Rice, Keith E., 1949 . . . . . Ohio  
 Sanders, Robert, 1937 . . . . . Indiana  
 Warren, Wm. Wallace, 1951 . . . . . Virginia  
 Wedel, Edwin L., 1952 . . . . . Texas  
 Wong, Bing G., 1949 . . . . . Arizona  
 Young, Lt. (Jg) Mark E., 1953 . . . . . California  
 Yokomoto, Robert K., 1953 . . . . . Hawaii

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Wakefield, Robert B., 1951 . . . . . Maryland

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Bartz, Richard A., 1949 . . . . . Pennsylvania  
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 Haner, George, Jr., . . . . . Michigan  
 Holton, S. L., . . . . . Massachusetts  
 Smith, David E., 1951 . . . . . New York  
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